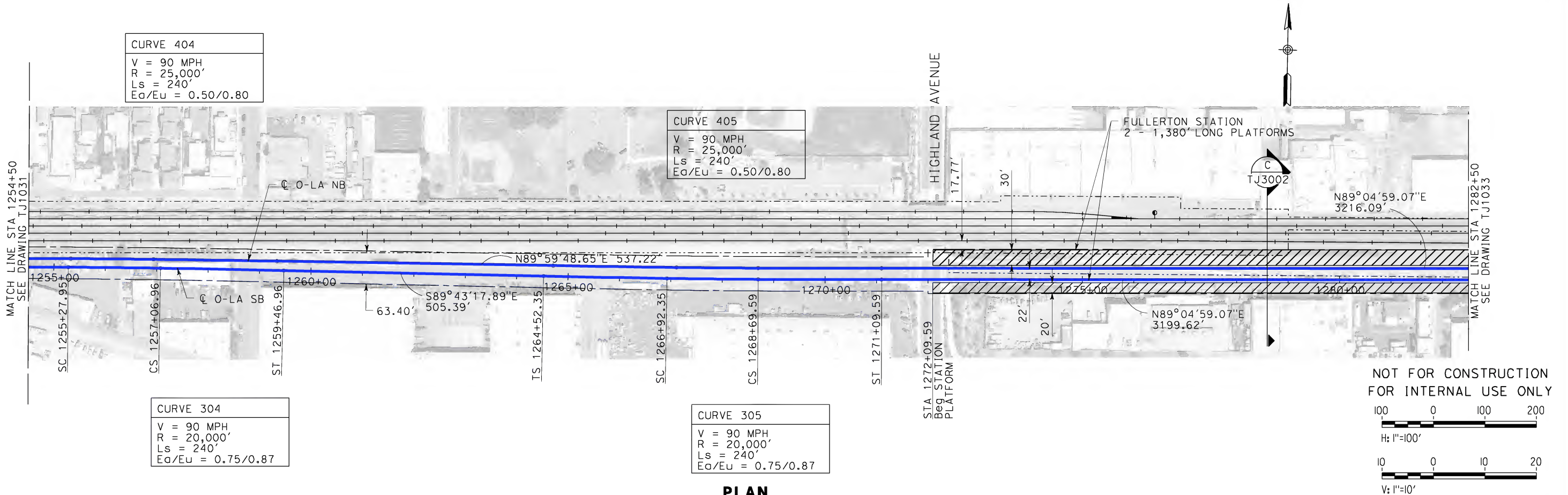
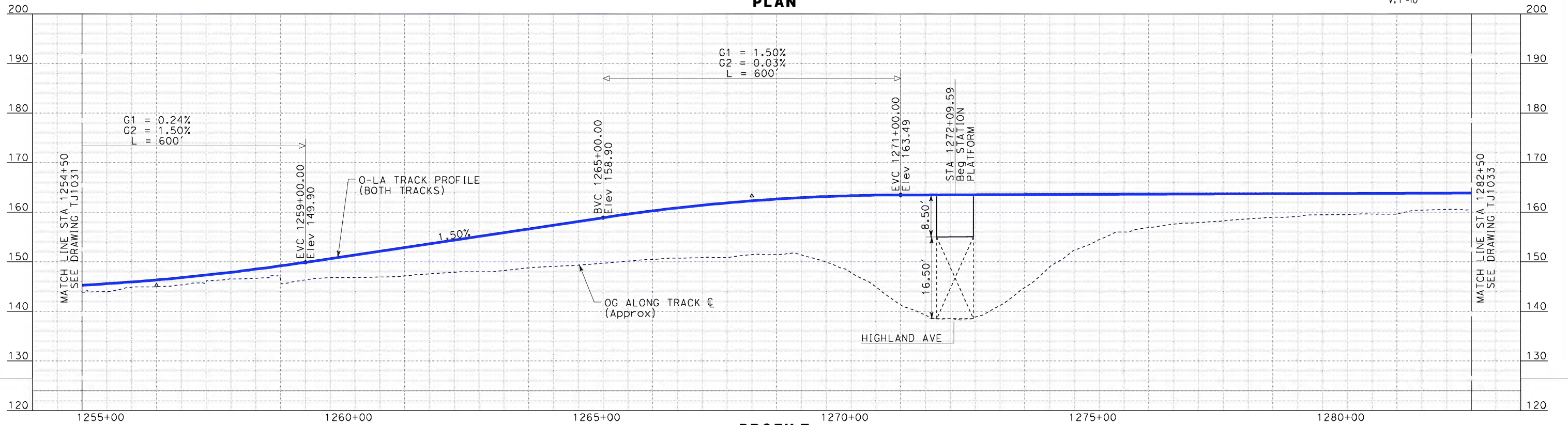


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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 12-22-09 |



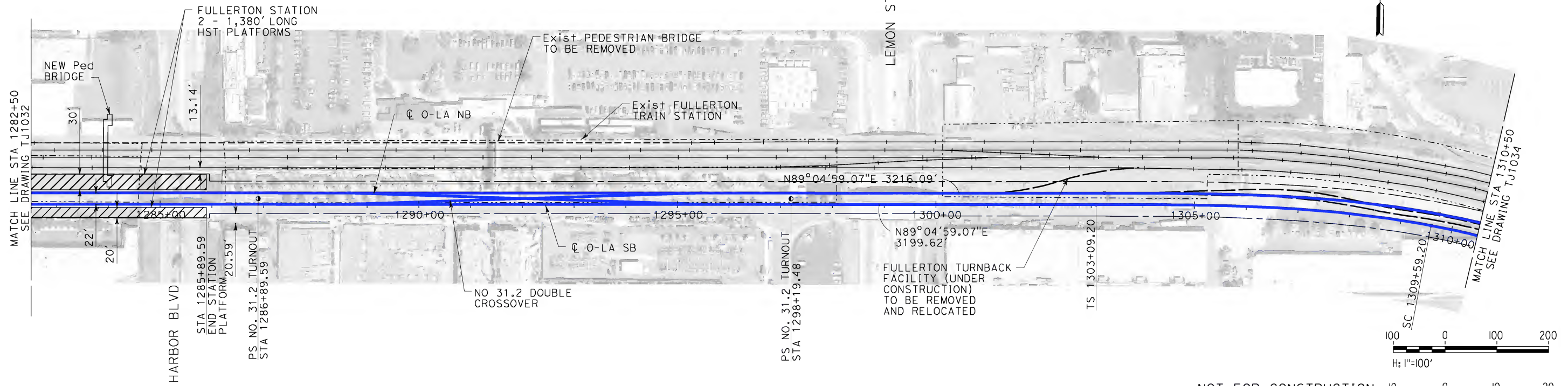
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES**
FULLERTON OPTION 1
AT-GRADE STATION
PLAN AND PROFILE
STA 1254+50 TO STA 1282+50

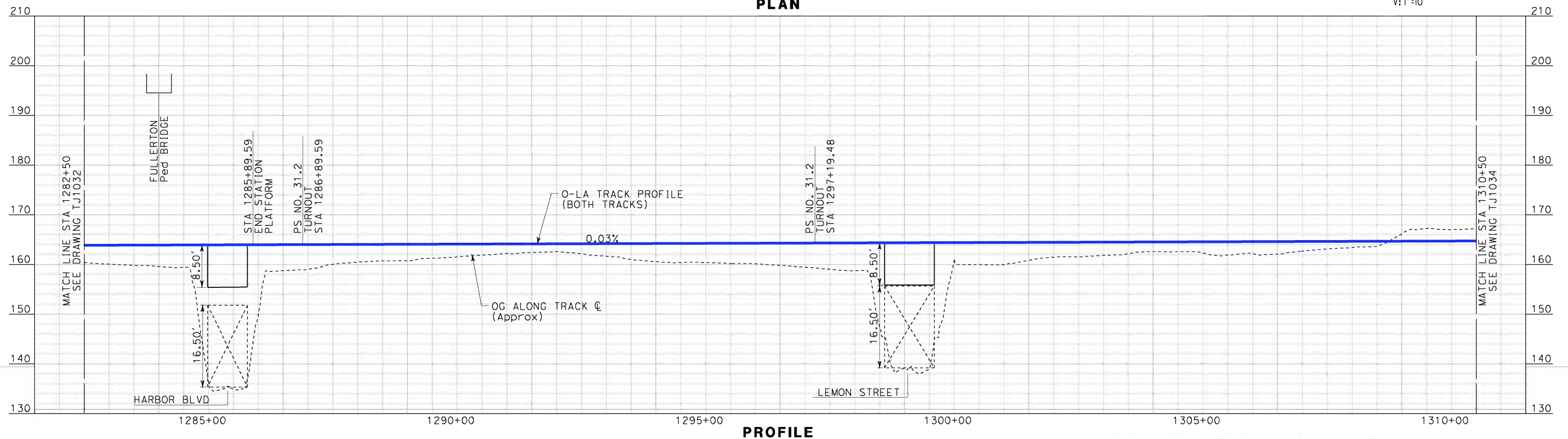
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| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 12-22-09 |



STV Incorporated
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS
1055 WEST SEVENTH STREET, SUITE 3150
LOS ANGELES, CA 90017-2556



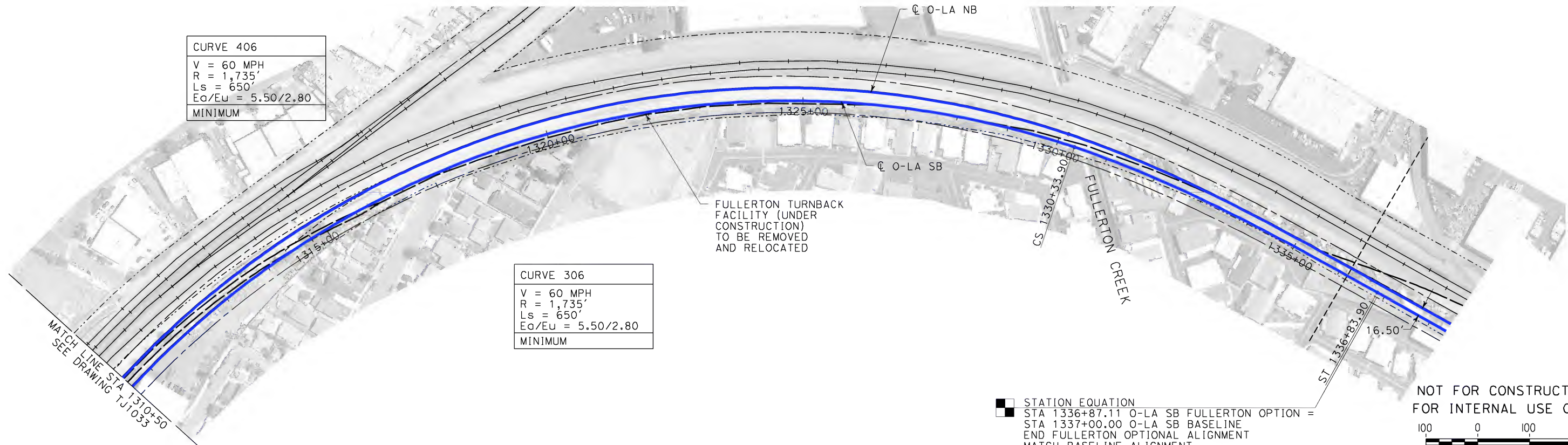
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES**
FULLERTON OPTION 1
AT-GRADE STATION
PLAN AND PROFILE
STA 1282+50 TO STA 1310+50

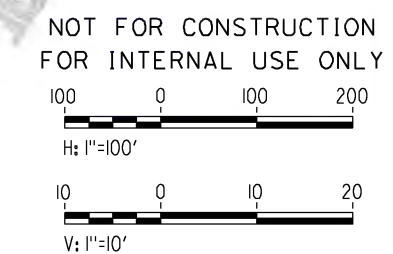
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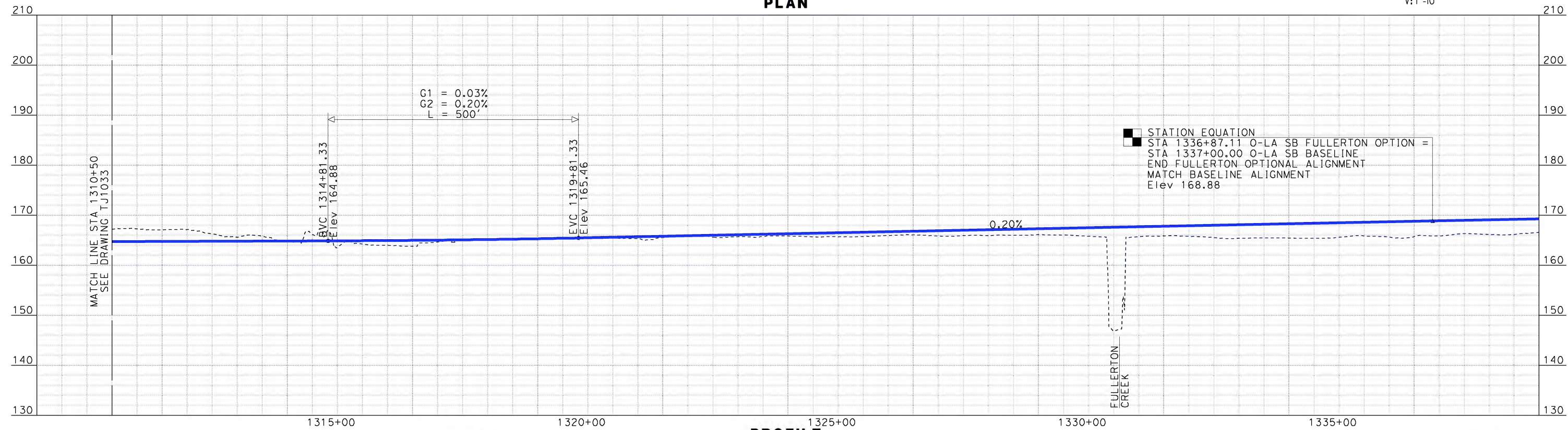
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STATION EQUATION
STA 1336+87.11 O-LA SB FULLERTON OPTION =
STA 1337+00.00 O-LA SB BASELINE
END FULLERTON OPTIONAL ALIGNMENT
MATCH BASELINE ALIGNMENT



PLAN



STATION EQUATION
STA 1336+87.11 O-LA SB FULLERTON OPTION =
STA 1337+00.00 O-LA SB BASELINE
END FULLERTON OPTIONAL ALIGNMENT
MATCH BASELINE ALIGNMENT
Elev 168.88

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DESIGNED BY
K. MCCULLOUGH

DRAWN BY
K. MCCULLOUGH

CHECKED BY
A. SOKOL

IN CHARGE
D. THOMSON

DATE
12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES**

FULLERTON OPTION 1
AT-GRADE STATION
PLAN AND PROFILE
STA 1310+50 TO STA 1336+87.11

CONTRACT NO.
HSR06-0005

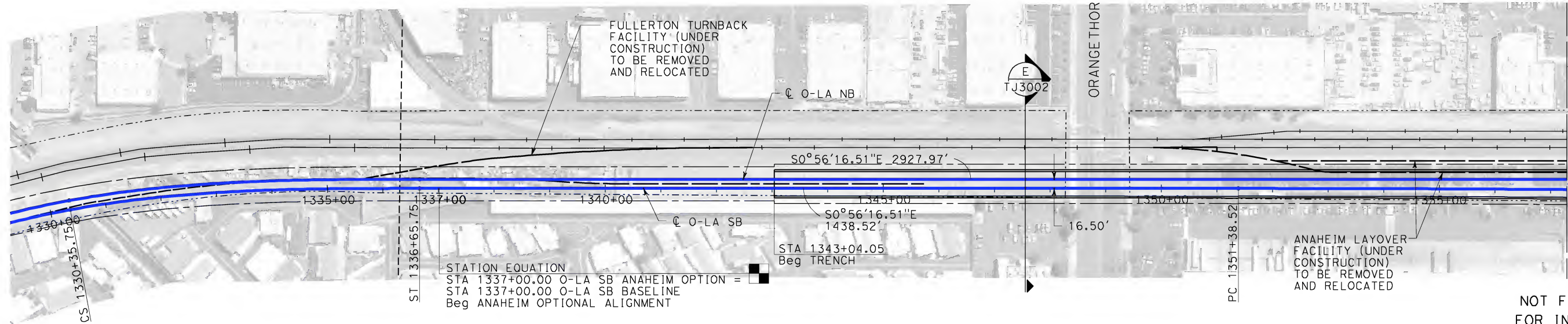
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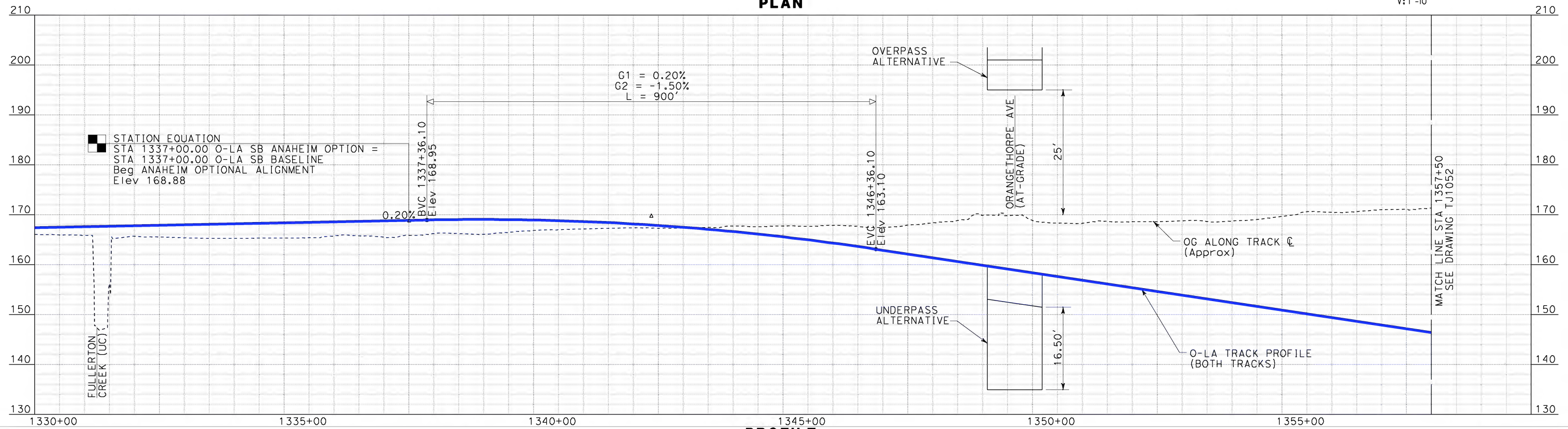
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PLAN



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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 12-22-09 |

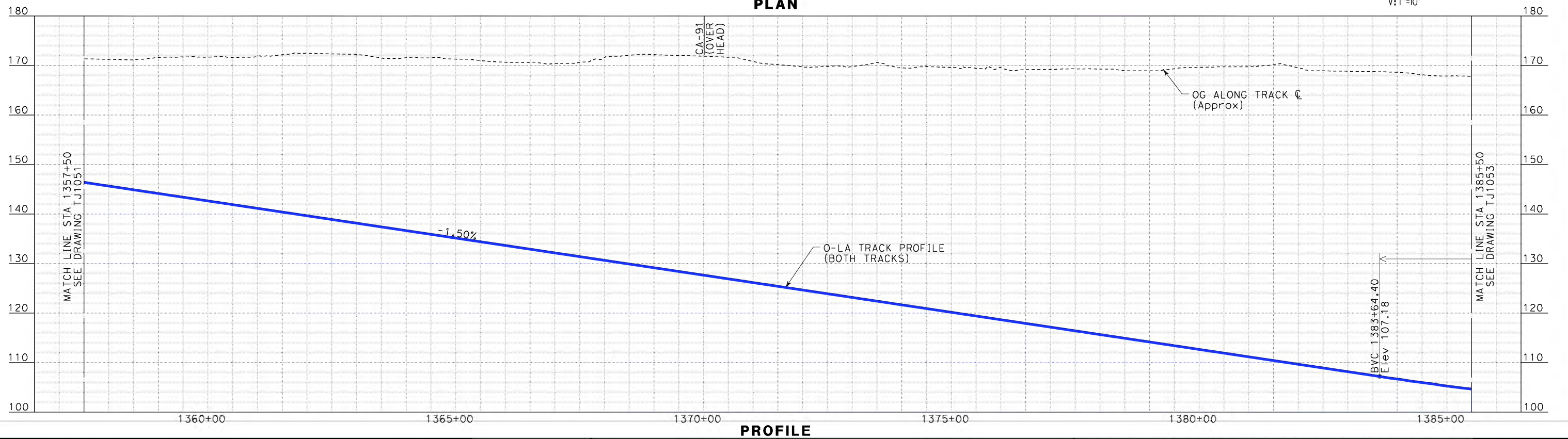
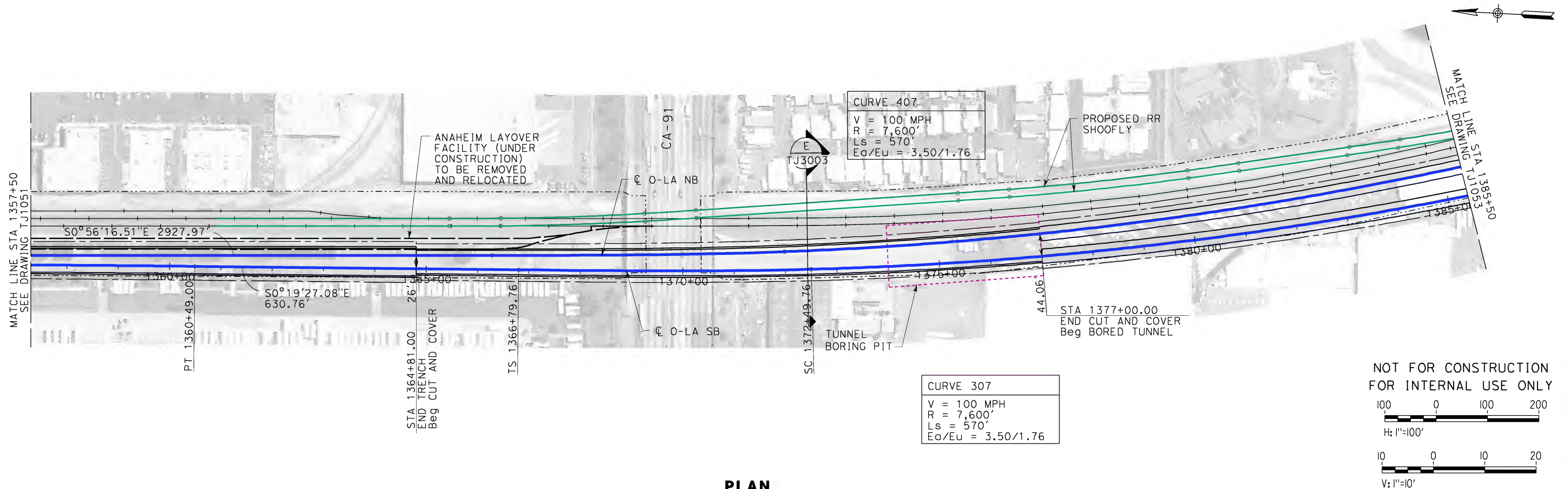


CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES
BALL ROAD TO ORANGETHORPE AVE
OPTION - TUNNEL
PLAN AND PROFILE
STA 1337+00 TO STA 1357+50

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| CONTRACT NO. HSR06-0005 |
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| IN CHARGE D. THOMSON |
| DATE 12-22-09 |



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES**
BALL ROAD TO ORANGETHORPE AVE
OPTION - TUNNEL
PLAN AND PROFILE
STA 1357+50 TO STA 1385+50

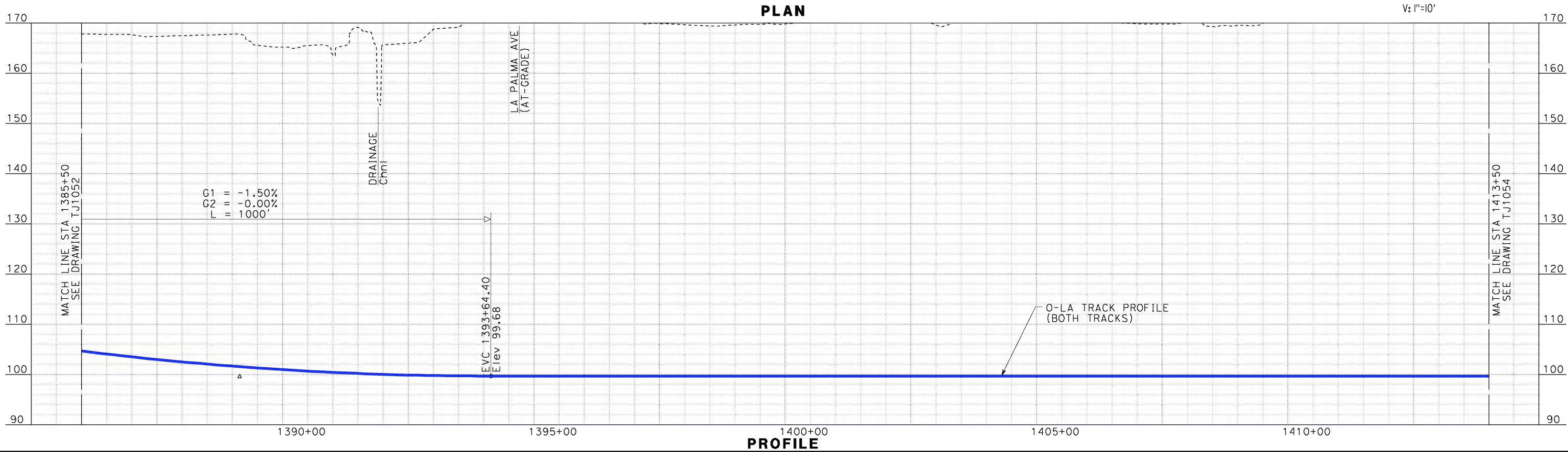
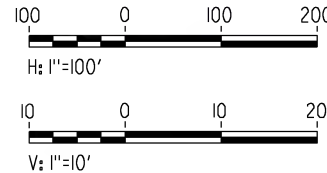
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sperrykm



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| DATE 12-22-09 |

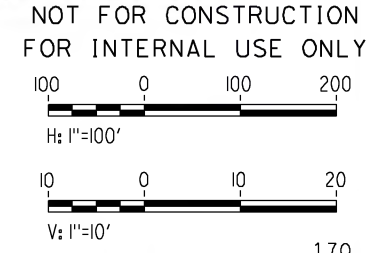
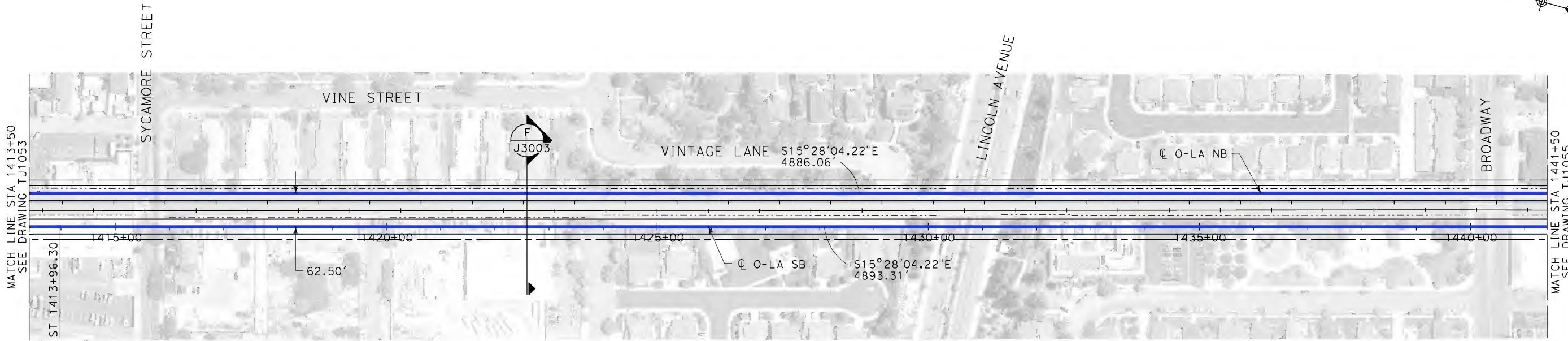


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES**
BALL ROAD TO ORANGETHORPE AVE
OPTION - TUNNEL
PLAN AND PROFILE
STA 1385+50 TO STA 1413+50

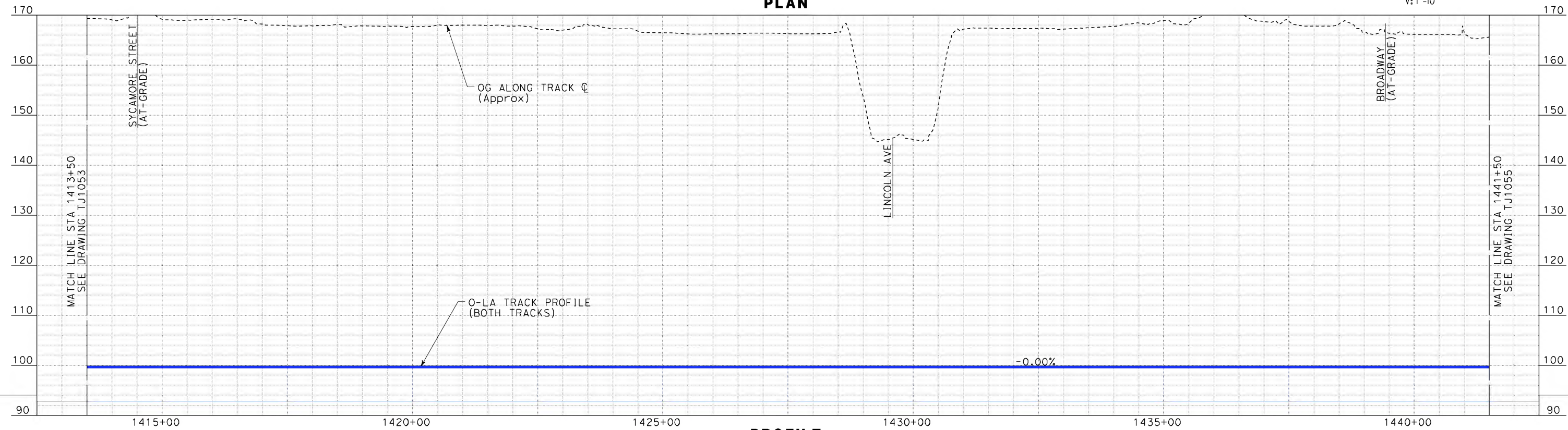
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| DATE 12-22-09 |

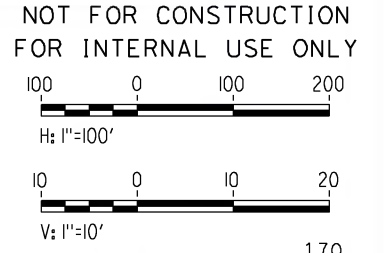
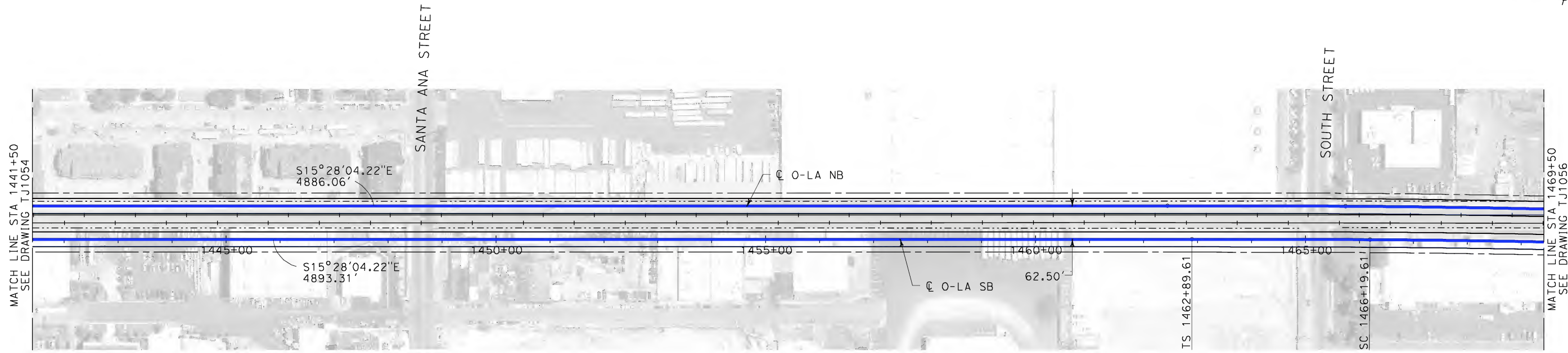


CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES
BALL ROAD TO ORANGETHORPE AVE
OPTION - TUNNEL
PLAN AND PROFILE
STA 1413+50 TO STA 1441+50

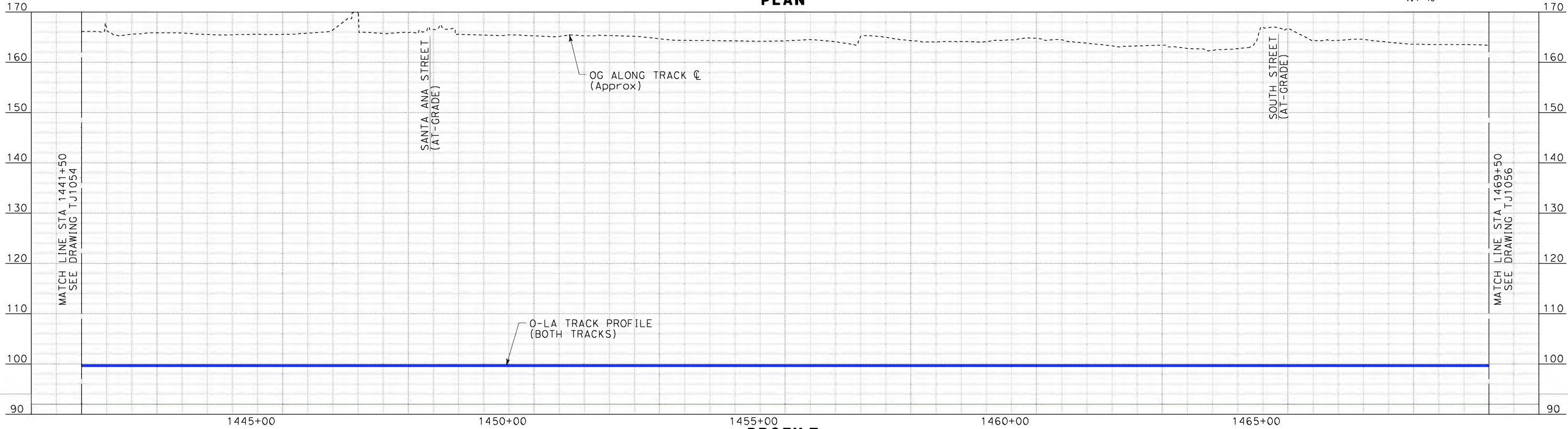
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sperrykm



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| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 12-22-09 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES
BALL ROAD TO ORANGETHORPE AVE
OPTION - TUNNEL
PLAN AND PROFILE
STA 1441+50 TO STA 1469+50

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| CONTRACT NO. HSR06-0005 |
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REV DATE BY SUB APP DESCRIPTION

DESIGNED BY
K. MCCULLOUGH

DRAWN BY
K. MCCULLOUGH

CHECKED BY
A. SOKOL

IN CHARGE
D. THOMSON

DATE
12-22-09

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ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS
1055 WEST SEVENTH STREET, SUITE 3150
LOS ANGELES, CA 90017-2556

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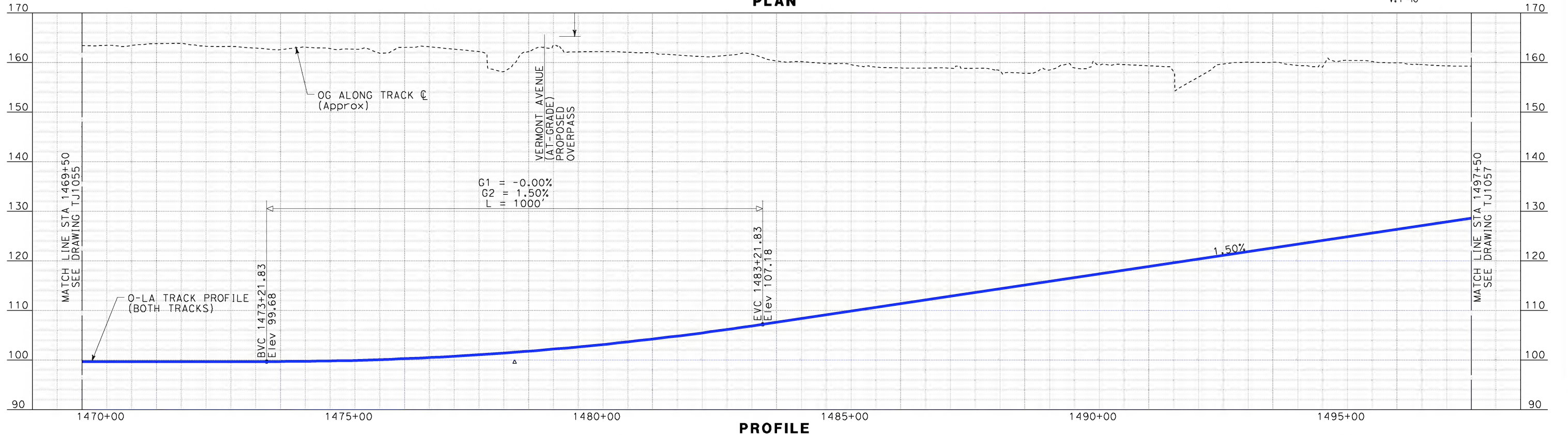
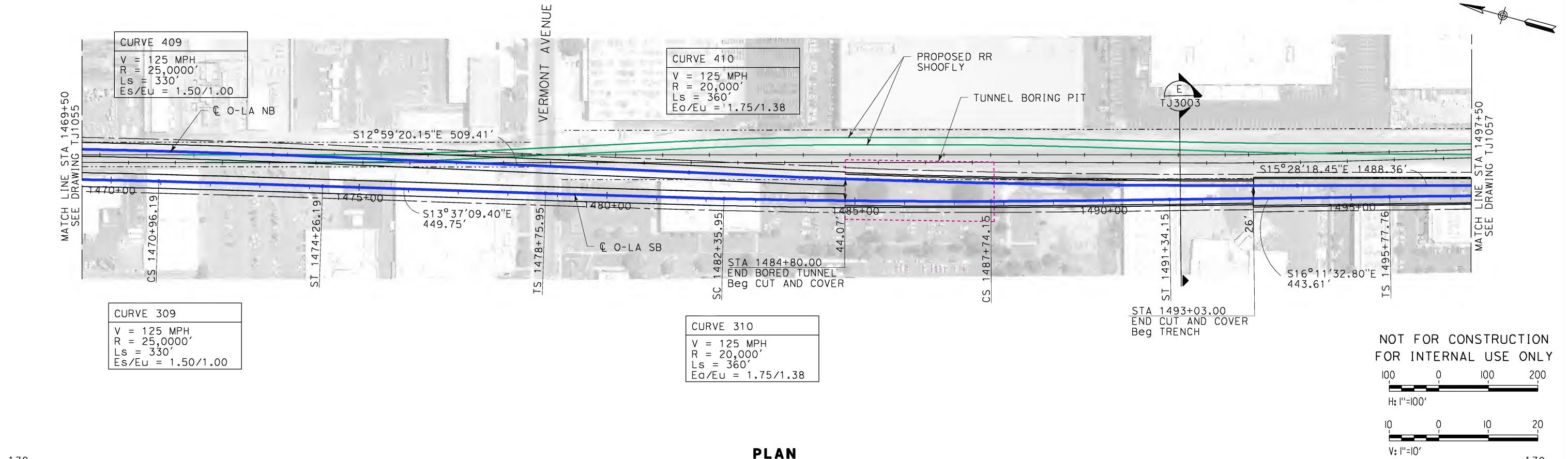
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ORANGE COUNTY TO LOS ANGELES
BALL ROAD TO ORANGETHORPE AVE
OPTION - TUNNEL
PLAN AND PROFILE
STA 1469+50 TO STA 1497+50

CONTRACT NO.
HSR06-0005

DRAWING NO.
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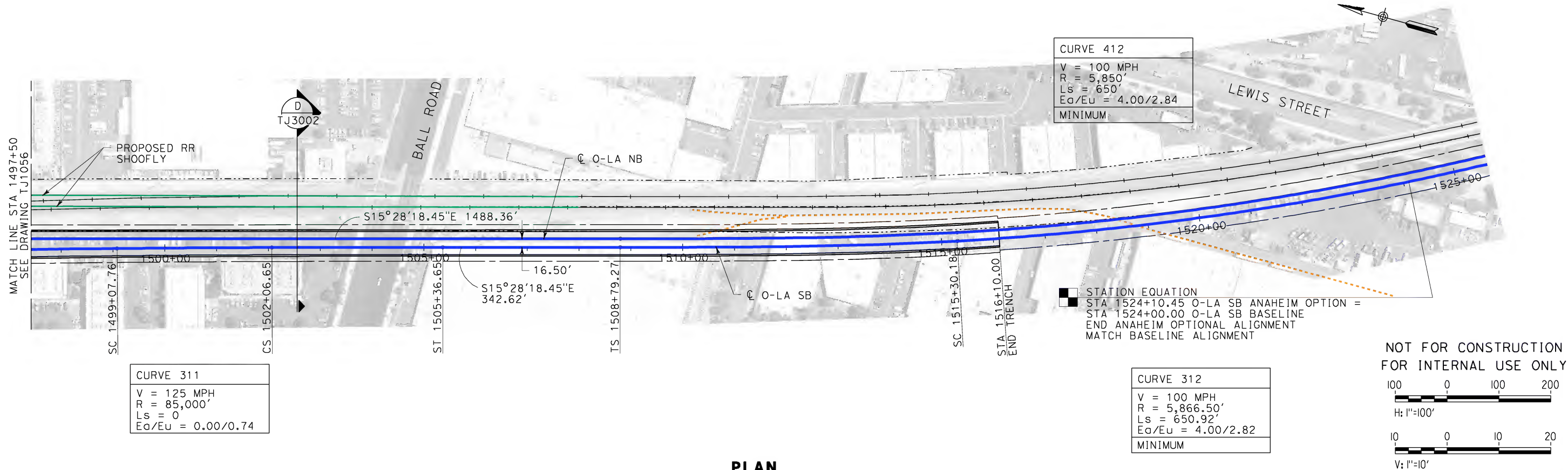
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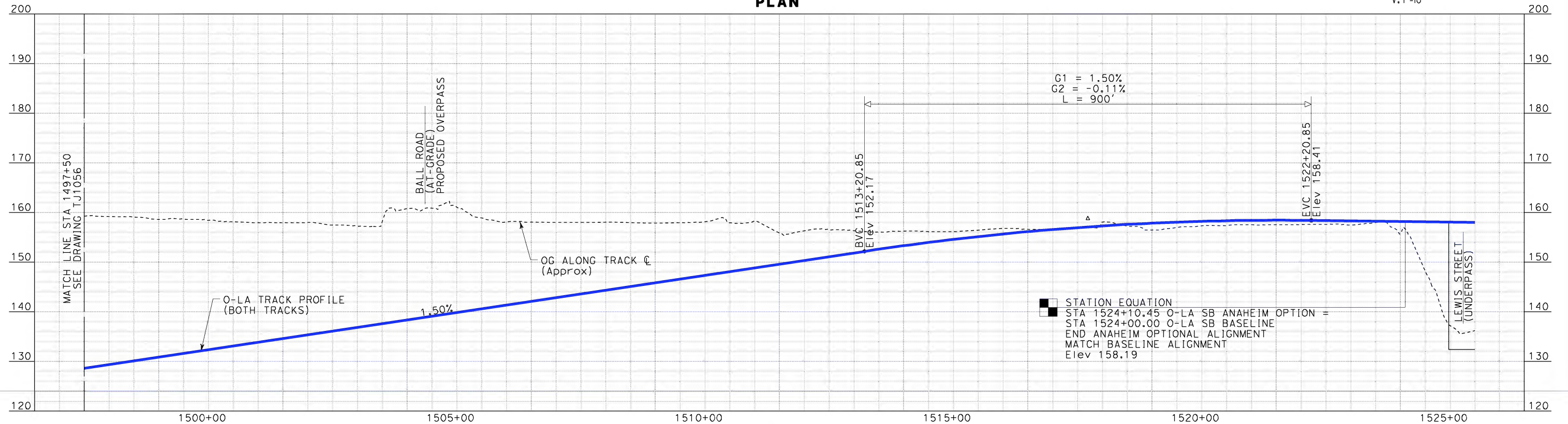


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| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 12-22-09 |

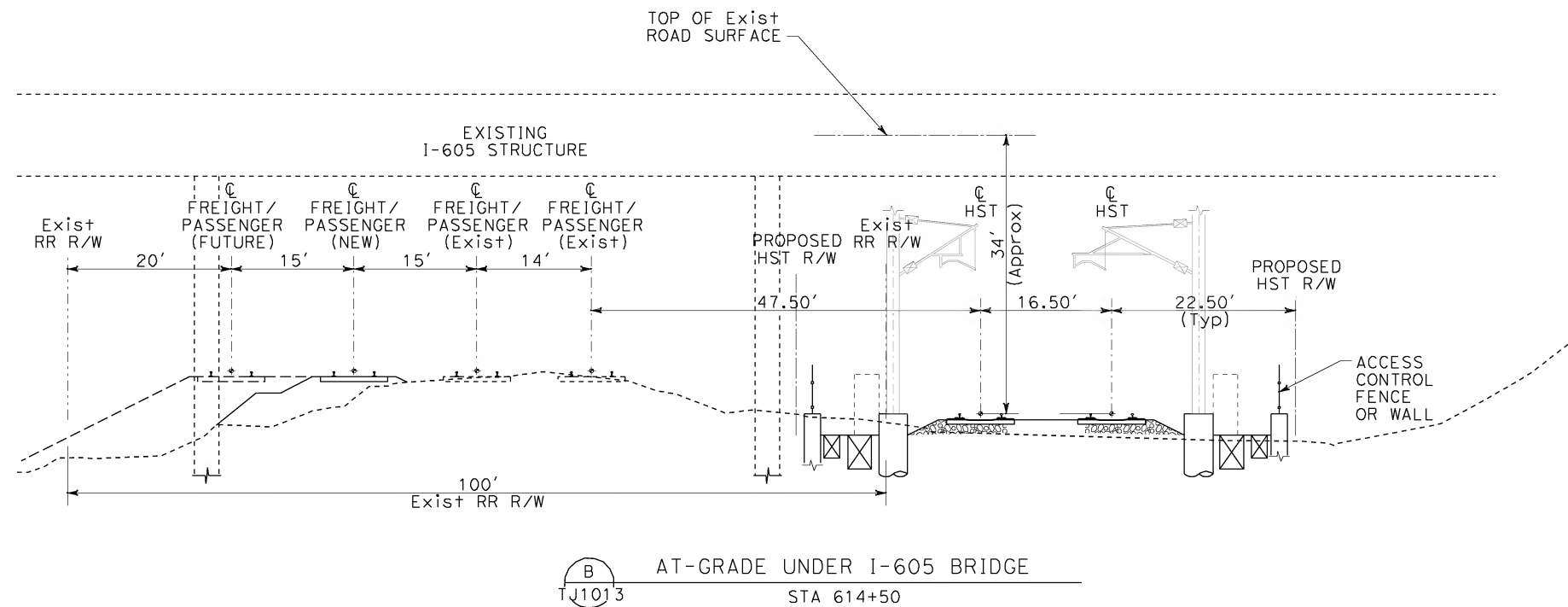
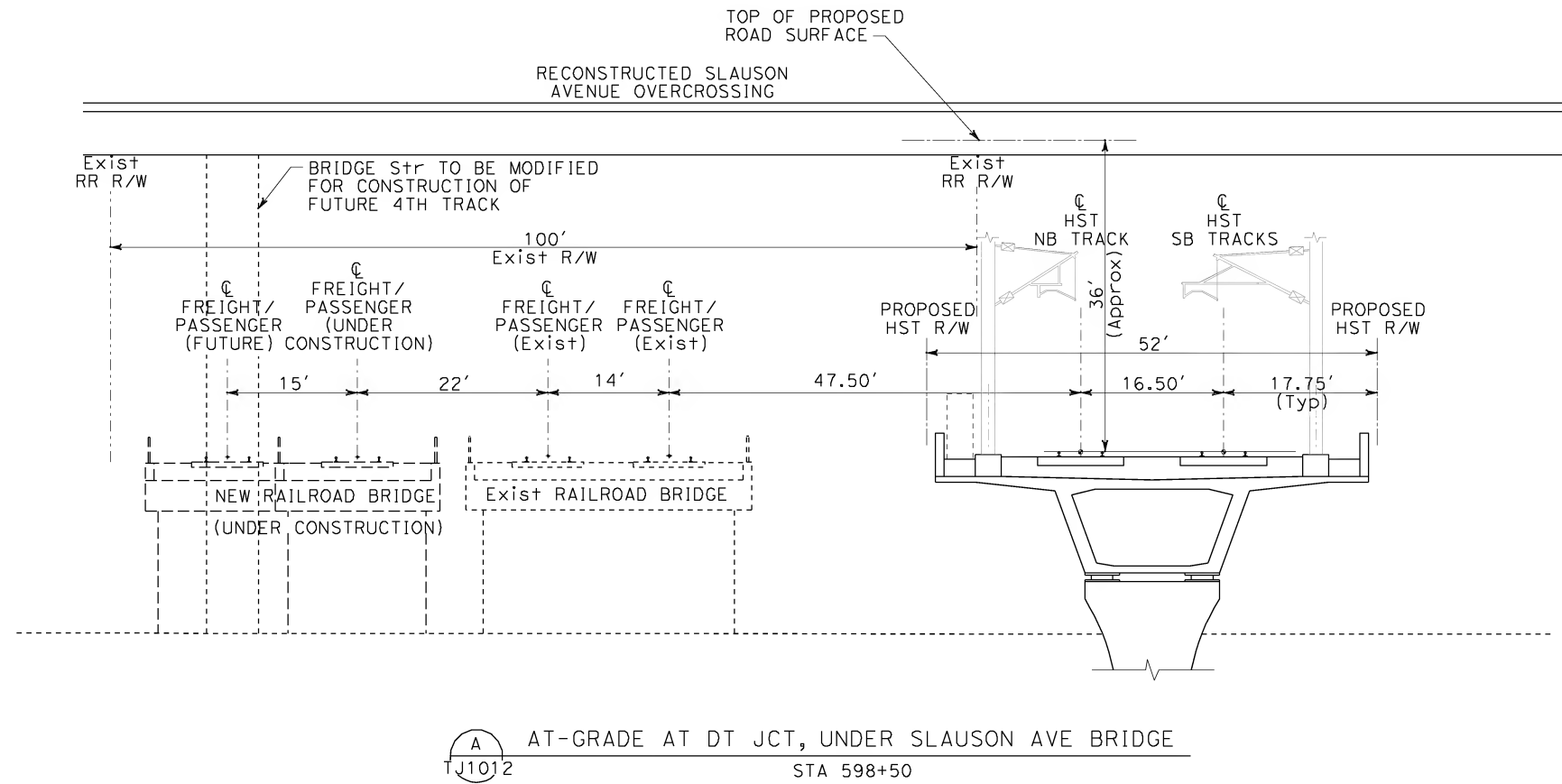


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES**
BALL ROAD TO ORANGETHORPE AVE
OPTION - TUNNEL
PLAN AND PROFILE
STA 1497+50 TO STA 1524+10.45

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| DESIGNED BY | K. MCCULLOUGH |
| DRAWN BY | K. MCCULLOUGH |
| CHECKED BY | A. SOKOL |
| IN CHARGE | D. THOMSON |
| DATE | 12-22-09 |

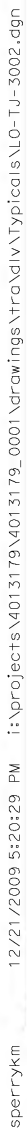
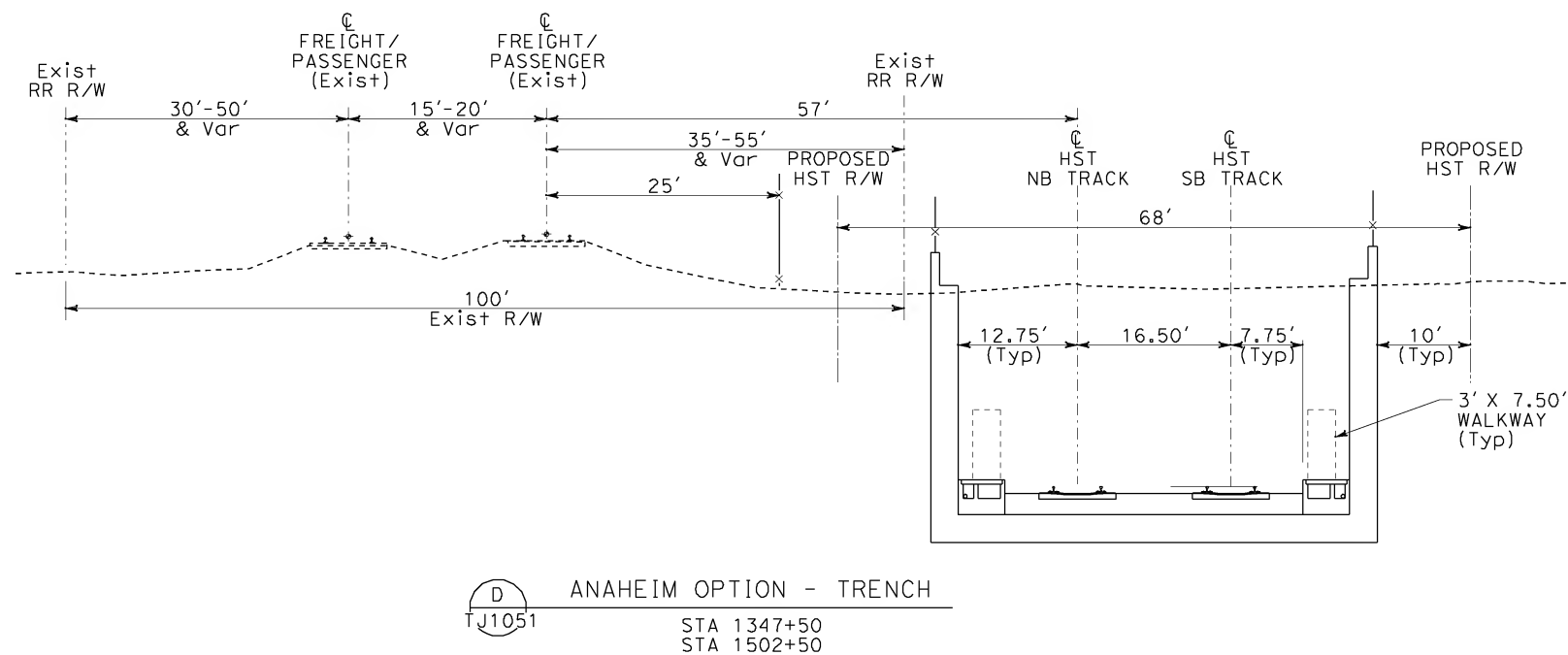


CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES
OPTIONAL ALIGNMENTS

CROSS SECTIONS

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| CONTRACT NO. | HSR06-0005 |
| DRAWING NO. | TJ3001 |
| SCALE | 1" = 10' |
| SHEET NO. | |

1. PLATFORM HEIGHT SUBJECT TO CHANGE.



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| | | | | | | DESIGNED BY K. MCCULLOUGH |
| | | | | | | DRAWN BY K. MCCULLOUGH |
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| | | | | | | IN CHARGE D. THOMSON |
| | | | | | | DATE 12-22-09 |
| REV | DATE | BY | SUB | APP | | DESCRIPTION |



CALIFORNIA HIGH-SPEED TRAIN PROJECT ORANGE COUNTY TO LOS ANGELES OPTIONAL ALIGNMENTS

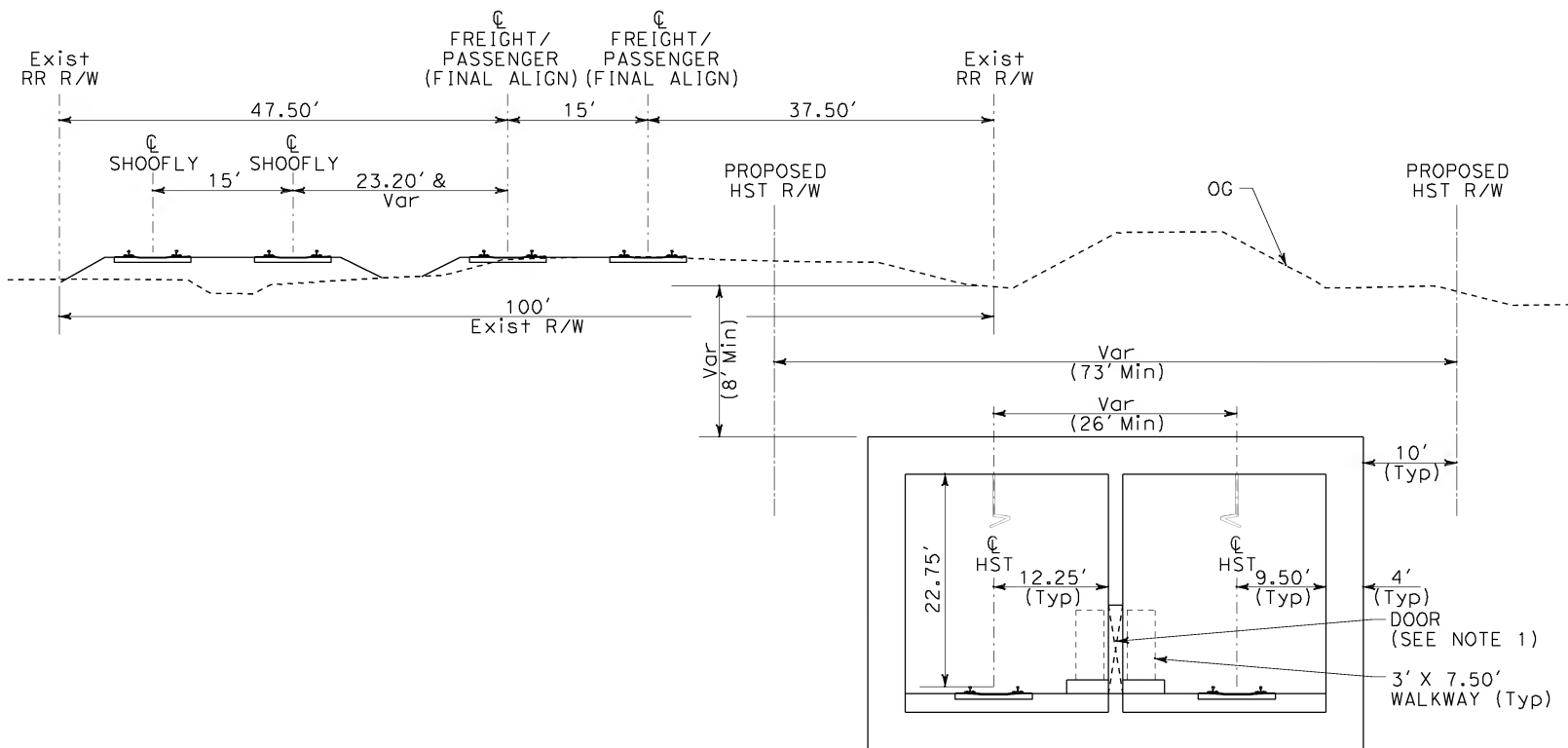
CROSS SECTIONS

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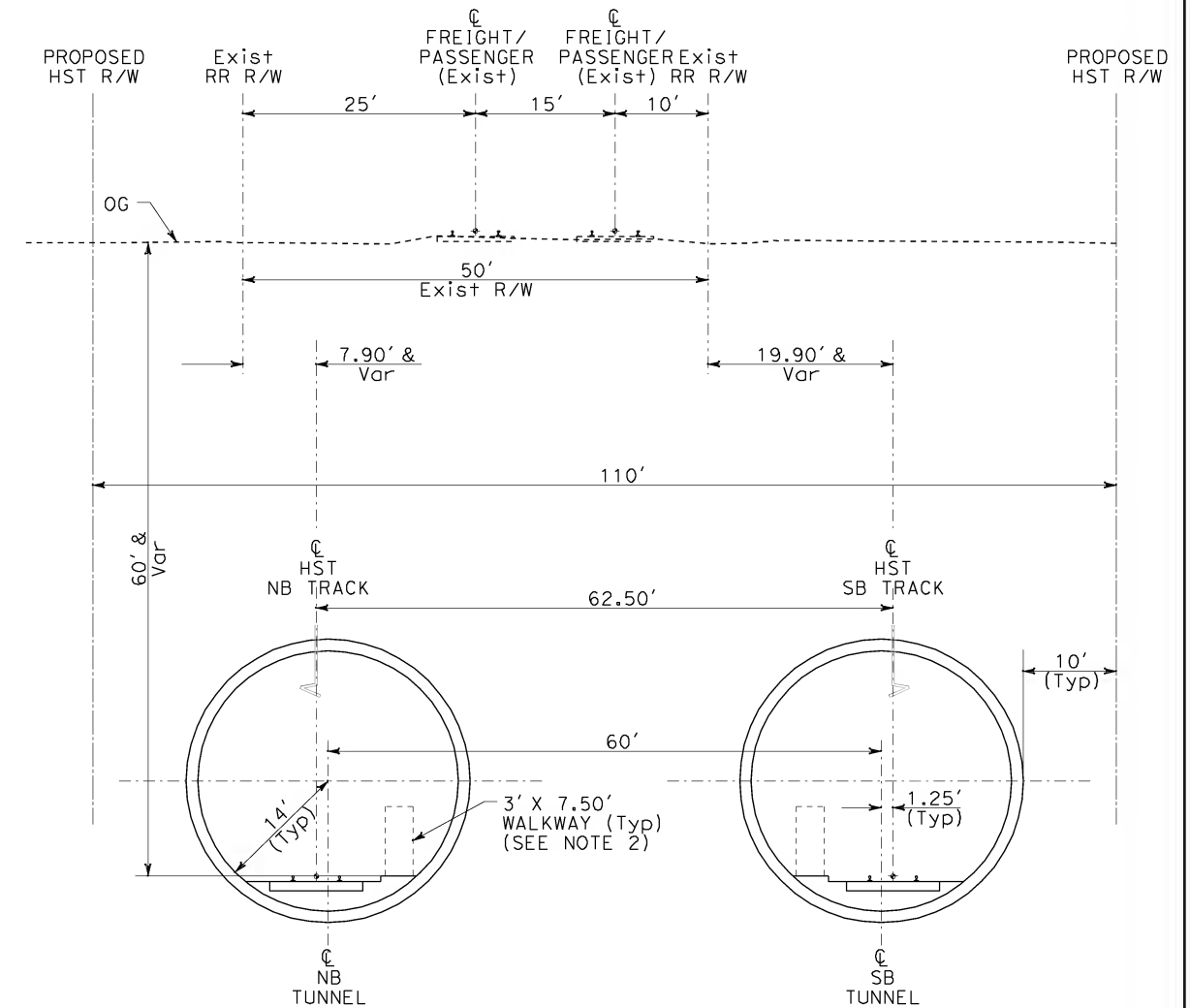
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NOTES:

1. 6' X 8' DOOR OPENING, FITTED WITH SLIDING DOOR, SPACED AT 800' Max.
2. CROSS PASSAGEWAYS SPACED AT 800' Max (NOT SHOWN).



E ANAHEIM OPTION - CUT AND COVER
TJ1052 STA 1372+50
STA 1491+50



F ANAHEIM OPTION - TUNNEL
TJ1054 STA 1422+50



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| DATE 12-22-09 |



STV Incorporated
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS
1055 WEST SEVENTH STREET, SUITE 3150
LOS ANGELES, CA 90017-2556



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CALIFORNIA HIGH-SPEED TRAIN PROJECT
ORANGE COUNTY TO LOS ANGELES
OPTIONAL ALIGNMENTS
CROSS SECTIONS

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| CONTRACT NO. HSR06-0005 |
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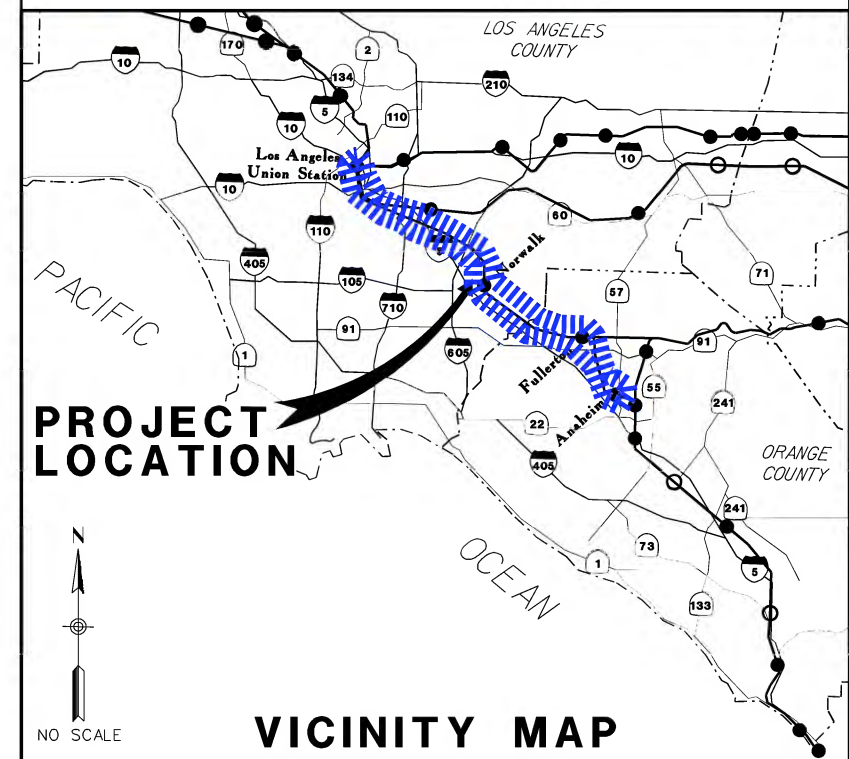
CALIFORNIA HIGH - SPEED RAIL AUTHORITY FLY CALIFORNIA

Without ever leaving the ground.

CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM SECTION

SUPPLEMENTAL 15% DESIGN SUBMITTAL

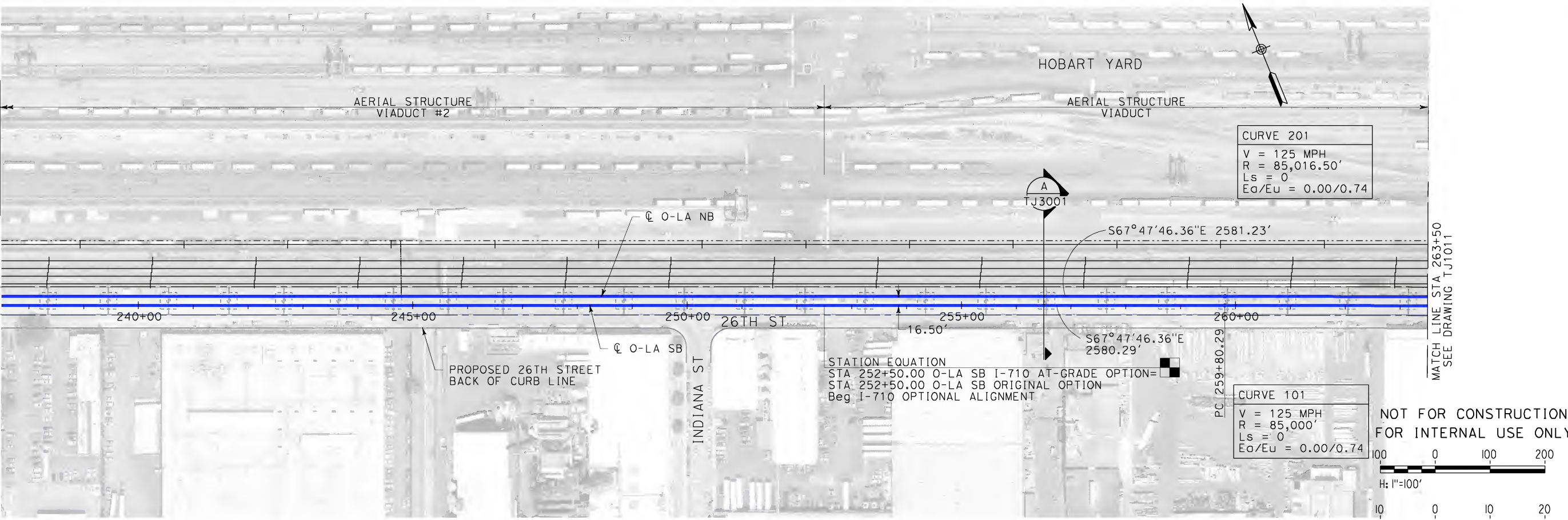
I-710 AT-GRADE OPTION



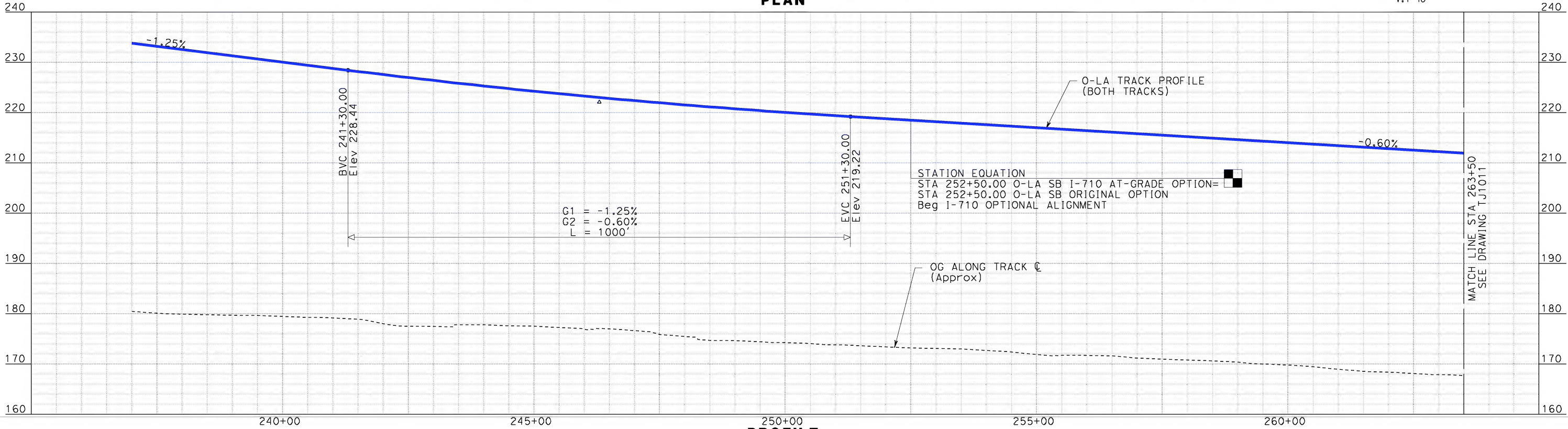
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**SUPPLEMENTAL 15%
DESIGN SUBMITTAL
APRIL 15, 2010**

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| | | | | | <div>DESIGNED BY K. MCCULLOUGH</div> <div>DRAWN BY K. MCCULLOUGH</div> <div>CHECKED BY A. SOKOL</div> <div>IN CHARGE D. THOMSON</div> <div>DATE 04-15-10</div> |
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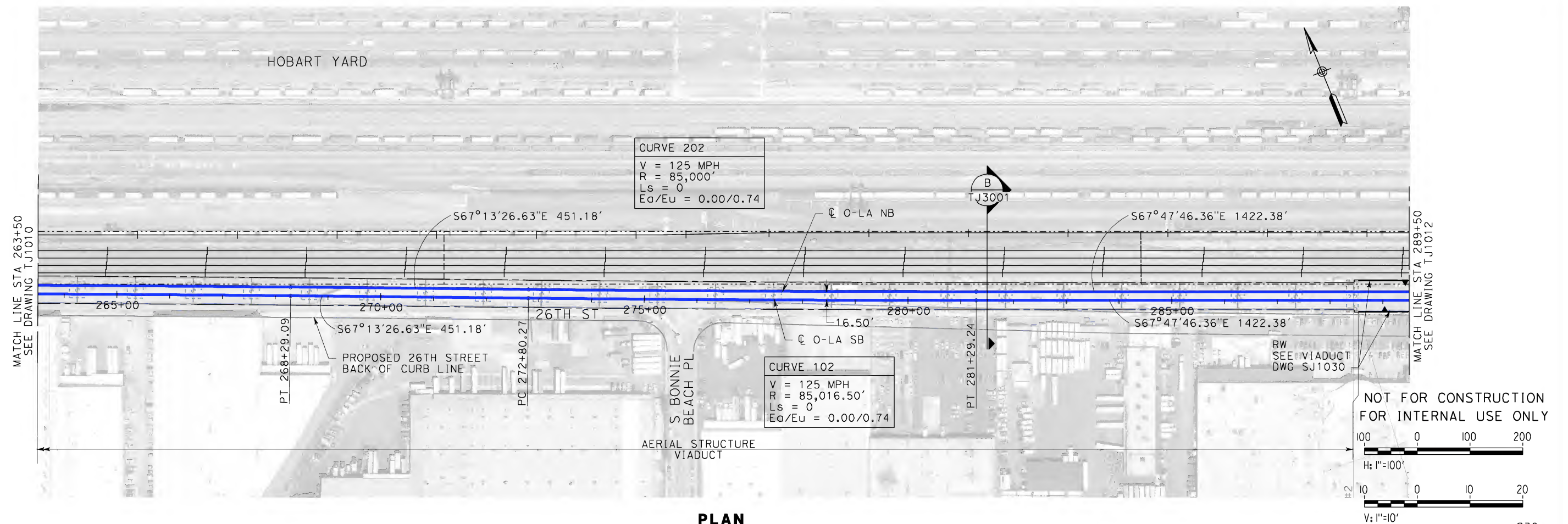
STV Incorporated
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS
1055 WEST SEVENTH STREET, SUITE 3150
LOS ANGELES, CA 90017-2556

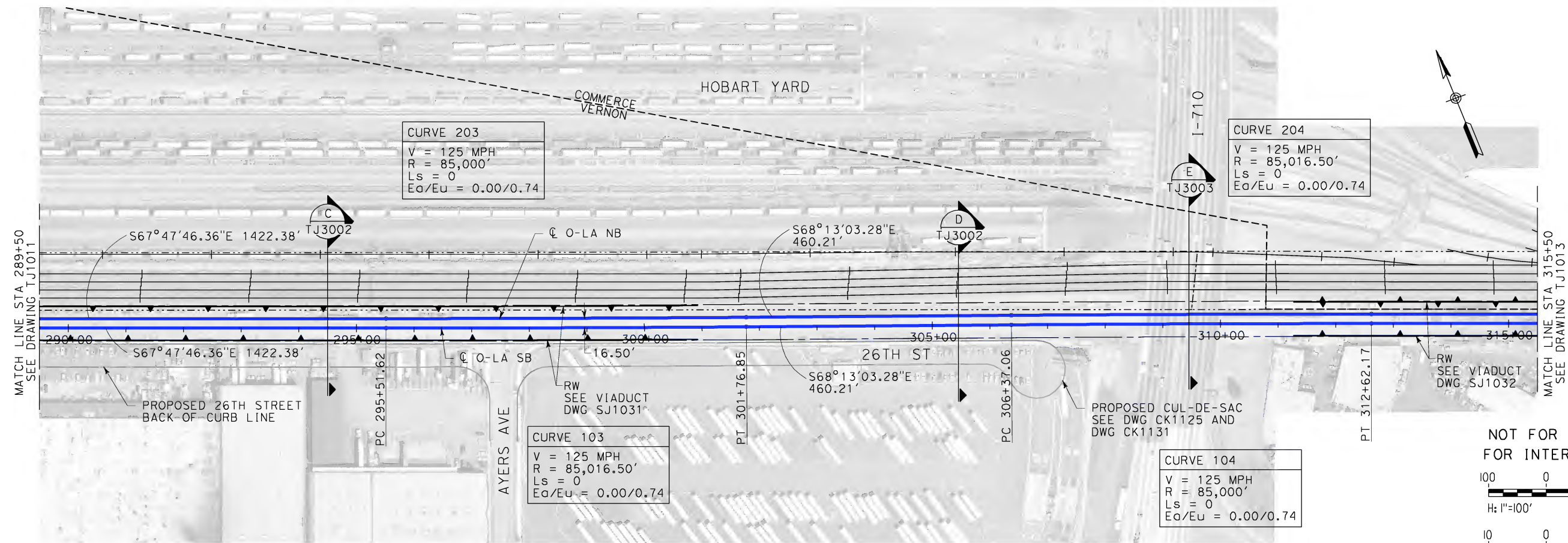


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CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
I-710 AT-GRADE OPTION
PLAN AND PROFILE
STA 237+50 TO STA 263+50

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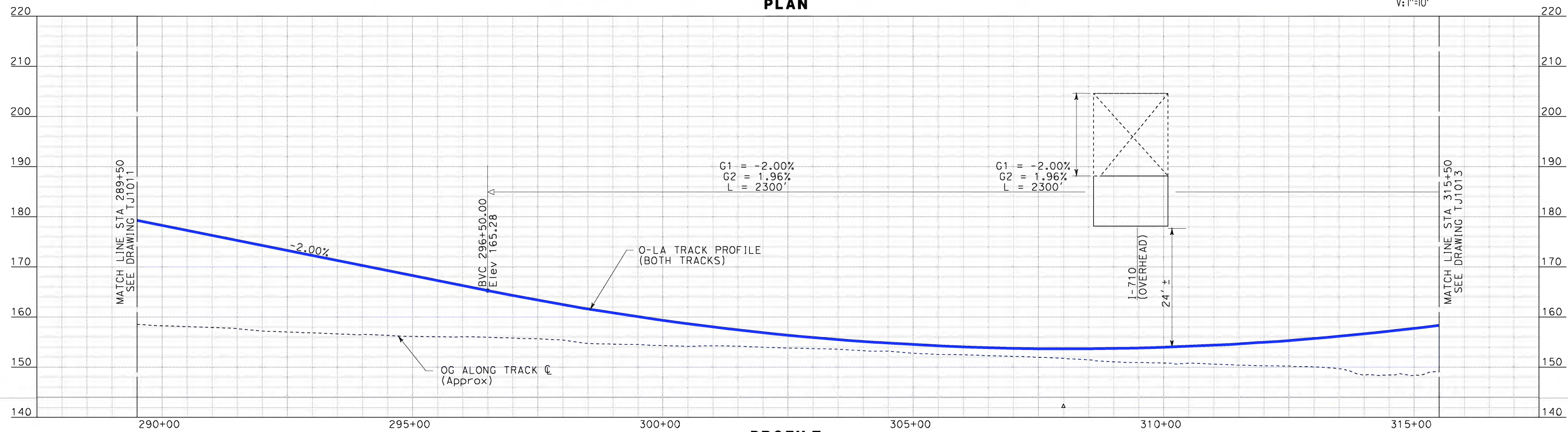


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H: 1"=100'

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V: 1"=10'

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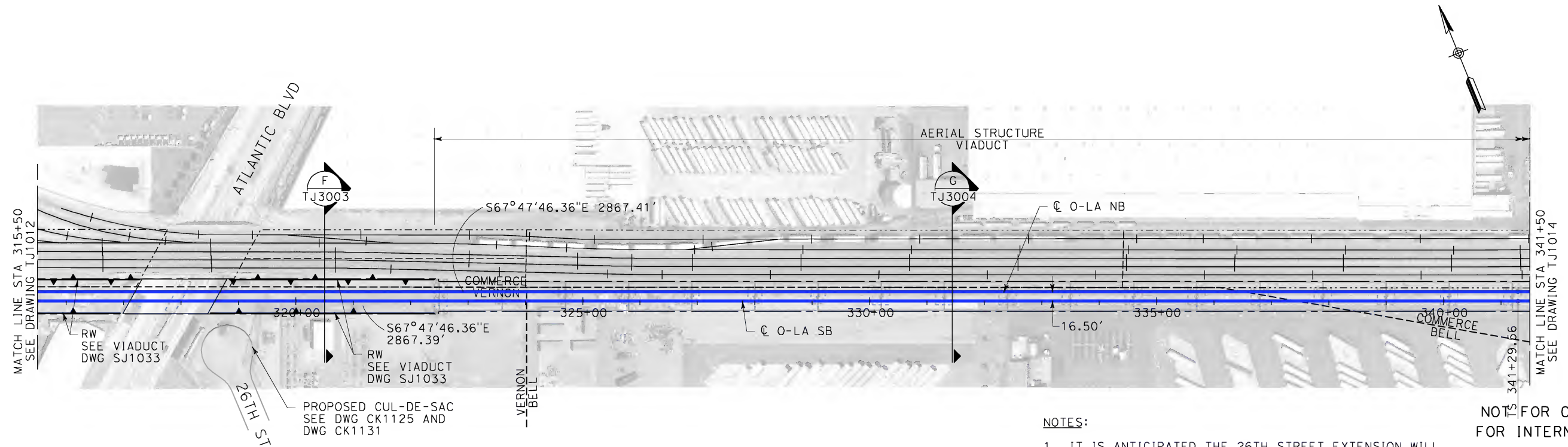
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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
I-710 AT-GRADE OPTION
PLAN AND PROFILE
STA 289+50 TO STA 315+50

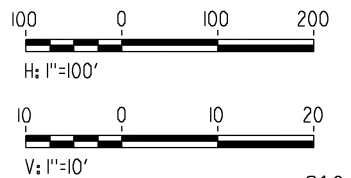
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| DRAWING NO. TJ1012 |
| SCALE AS SHOWN |
| SHEET NO. |



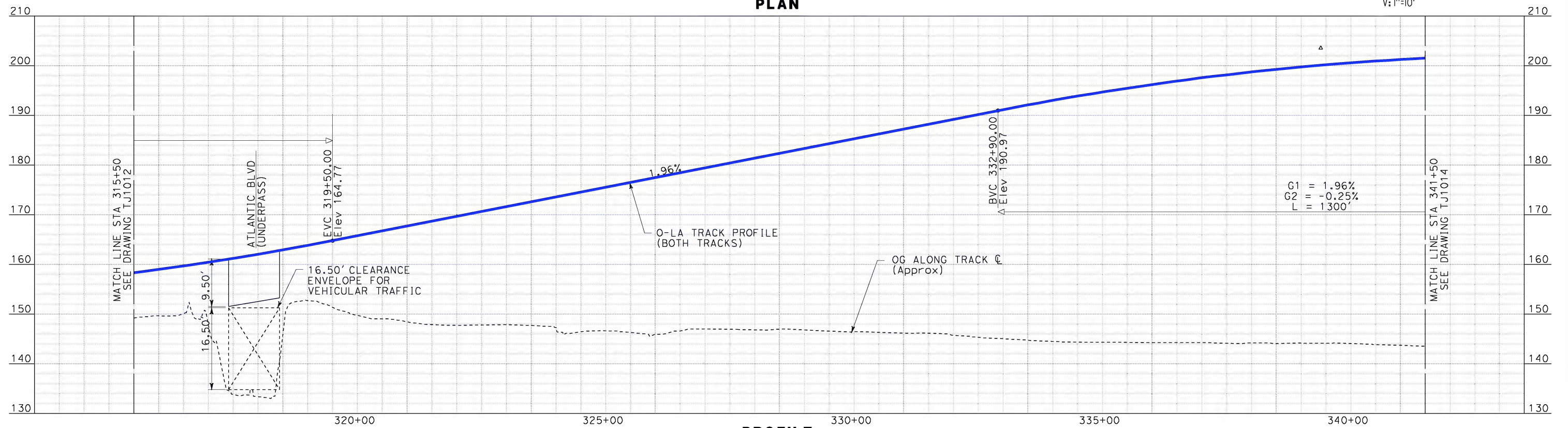
NOTES:

1. IT IS ANTICIPATED THE 26TH STREET EXTENSION WILL BE AFFECTED. NEW CONSTRUCTION TO BE DETERMINED.
2. I-710 TRUCK LANE EXPANSION PROJECT INFORMATION IS NOT AVAILABLE. HST PROFILE IS SUBJECT TO CHANGE DEPENDING ON LIMITS OF THE I-710 PROJECT.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY



PLAN



PROFILE

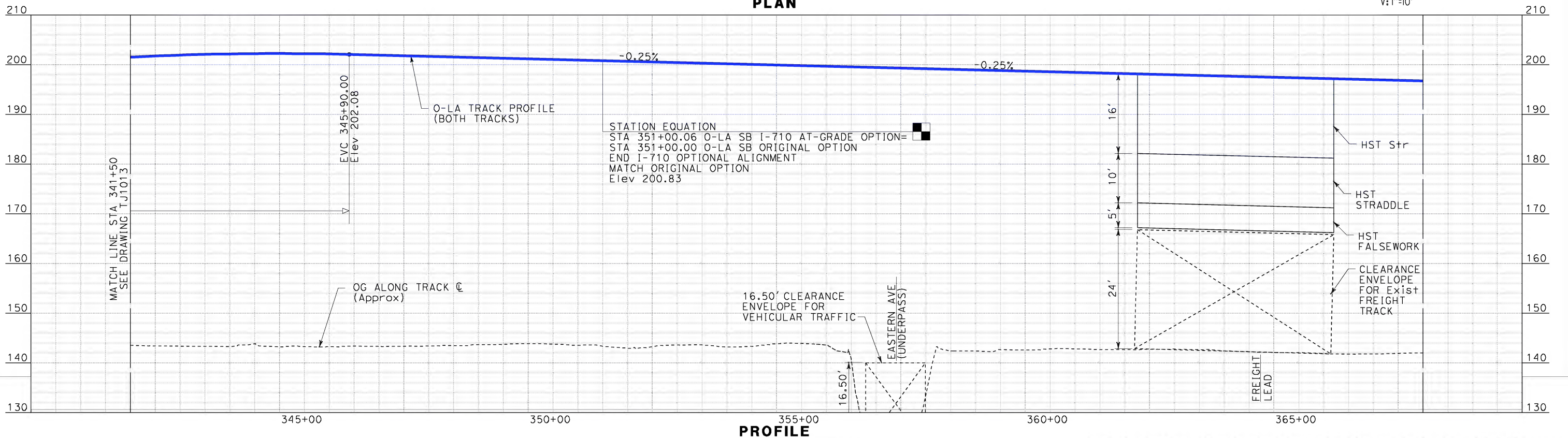
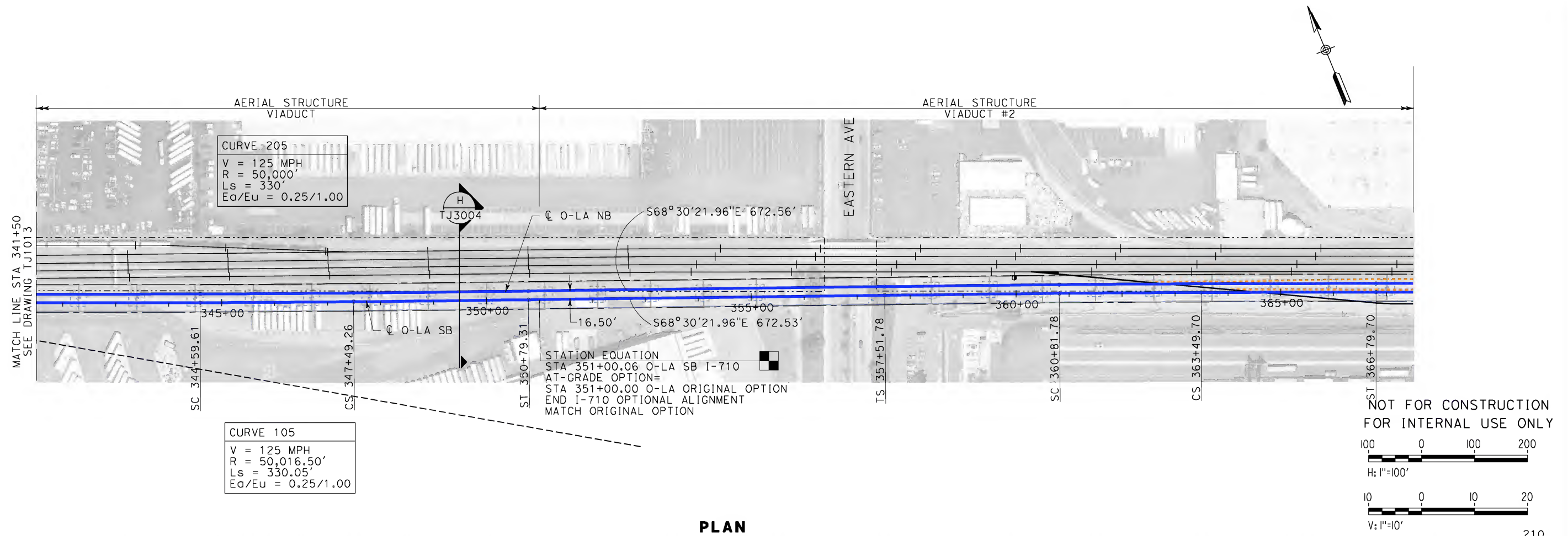
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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
I-710 AT-GRADE OPTION
PLAN AND PROFILE
STA 315+50 TO STA 341+50

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| DRAWING NO. TJ1013 |
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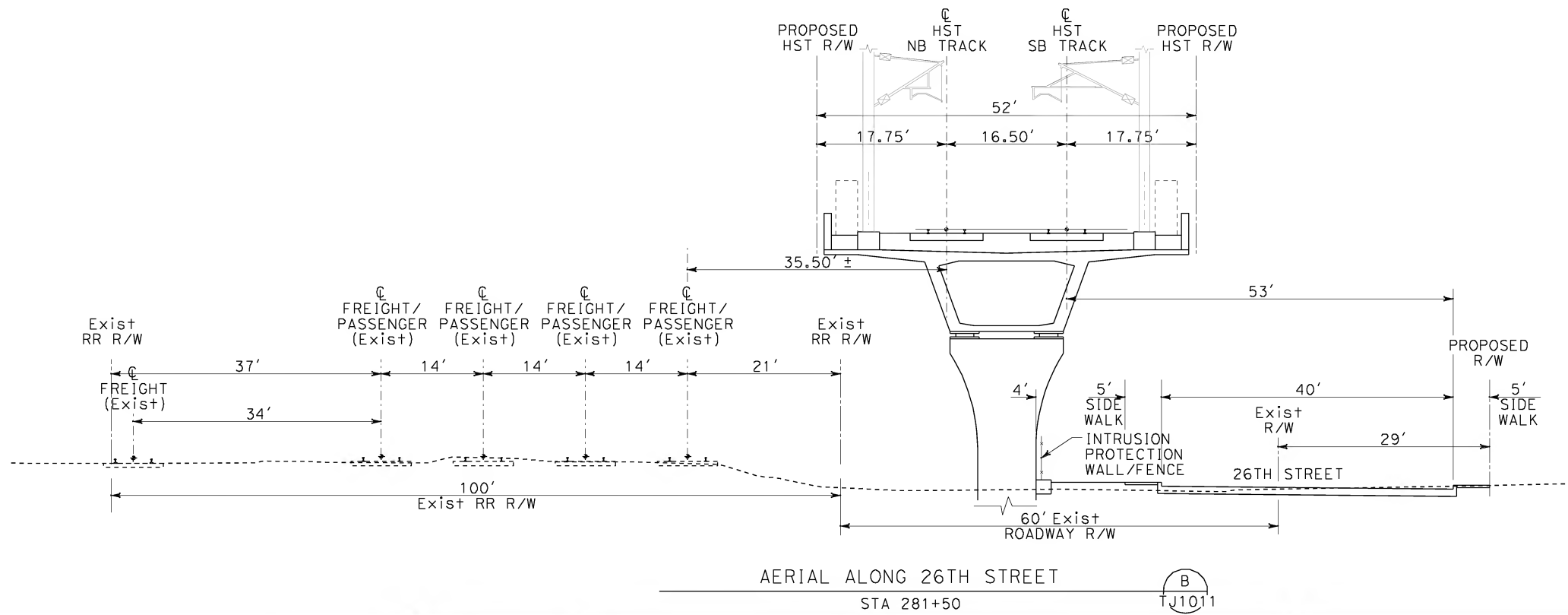
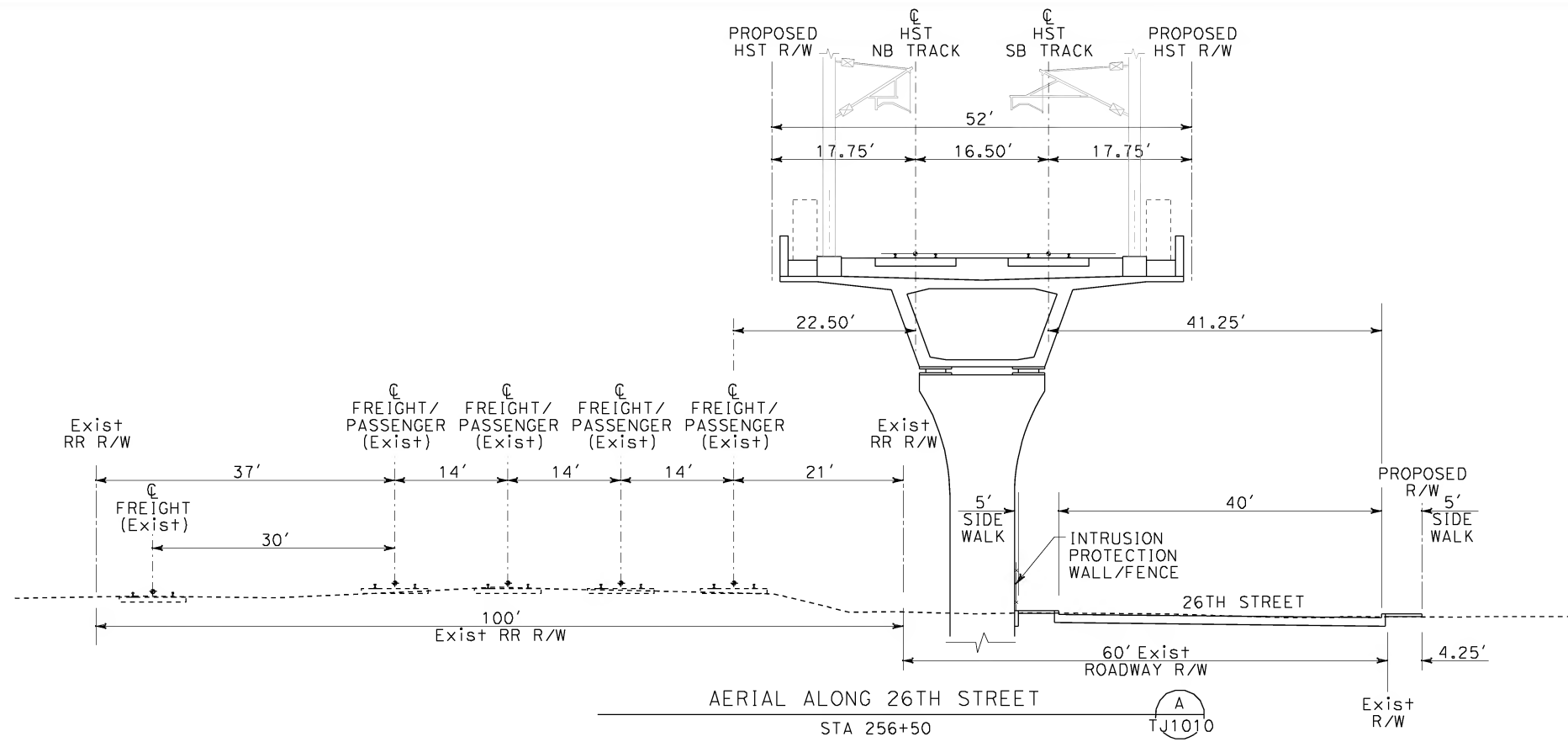


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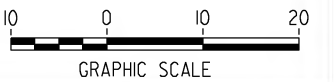
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| <div>REV DATE BY SUB APP DESCRIPTION</div> | | | | | <div>DESIGNED BY K. MCCULLOUGH</div> <div>DRAWN BY K. MCCULLOUGH</div> <div>CHECKED BY A. SOKOL</div> <div>IN CHARGE D. THOMSON</div> <div>DATE 04-15-10</div> | <div> STV Incorporated ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS 1055 WEST SEVENTH STREET, SUITE 3150 LOS ANGELES, CA 90017-2556</div> | <div> CALIFORNIA HIGH-SPEED RAIL AUTHORITY FLY CALIFORNIA Without ever leaving the ground.</div> | <div>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM SUPPLEMENTAL 15% DESIGN I-710 AT-GRADE OPTION PLAN AND PROFILE STA 341+50 TO STA 367+50</div> | <div>CONTRACT NO. HSR06-0005</div> <div>DRAWING NO. TJ1014</div> <div>SCALE AS SHOWN</div> <div>SHEET NO.</div> |
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| DESIGNED BY | K. MCCULLOUGH |
| DRAWN BY | K. MCCULLOUGH |
| CHECKED BY | A. SOKOL |
| IN CHARGE | D. THOMSON |
| DATE | 04-15-10 |



CALIFORNIA HIGH-SPEED RAIL AUTHORITY

Without ever leaving the ground.

CALIFORNIA HIGH-SPEED TRAIN PROJECT

LOS ANGELES TO ANAHEIM

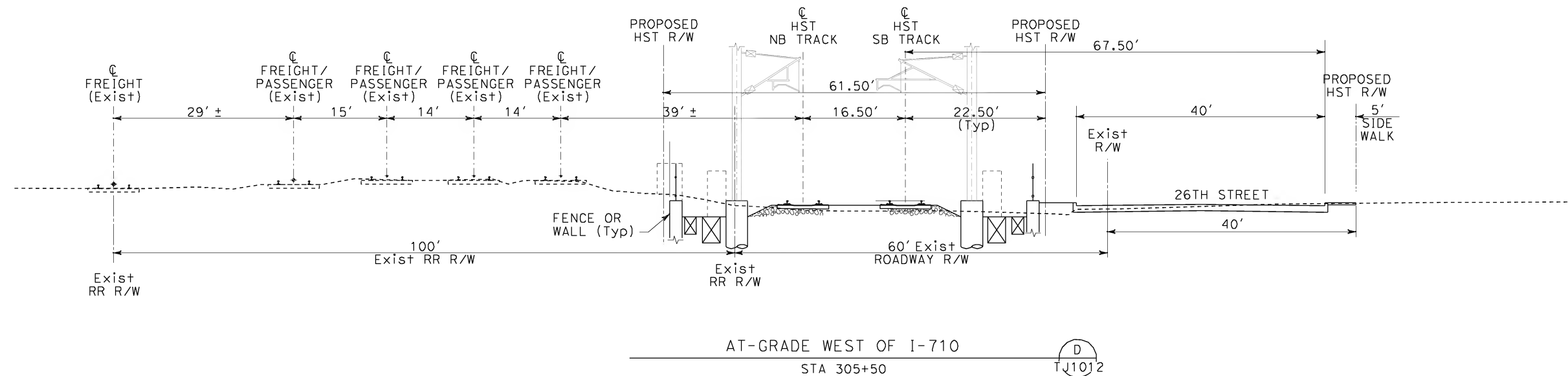
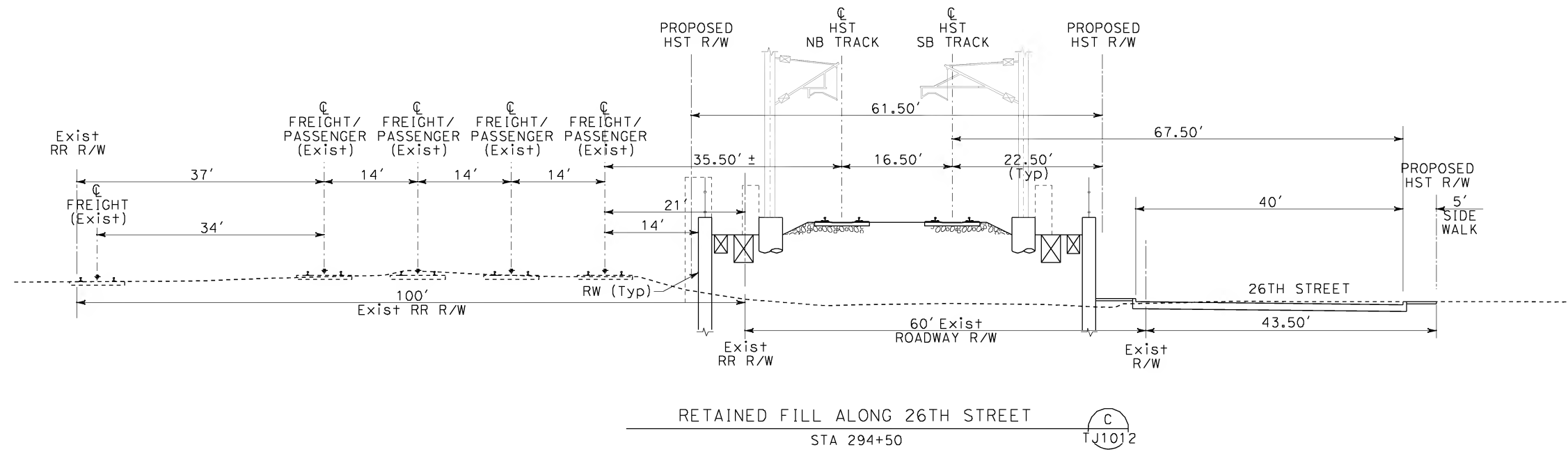
SUPPLEMENTAL 15% DESIGN

I-710 AT-GRADE OPTION

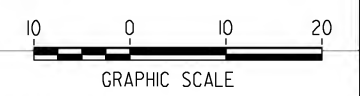
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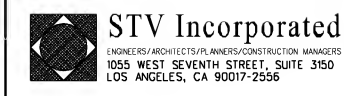


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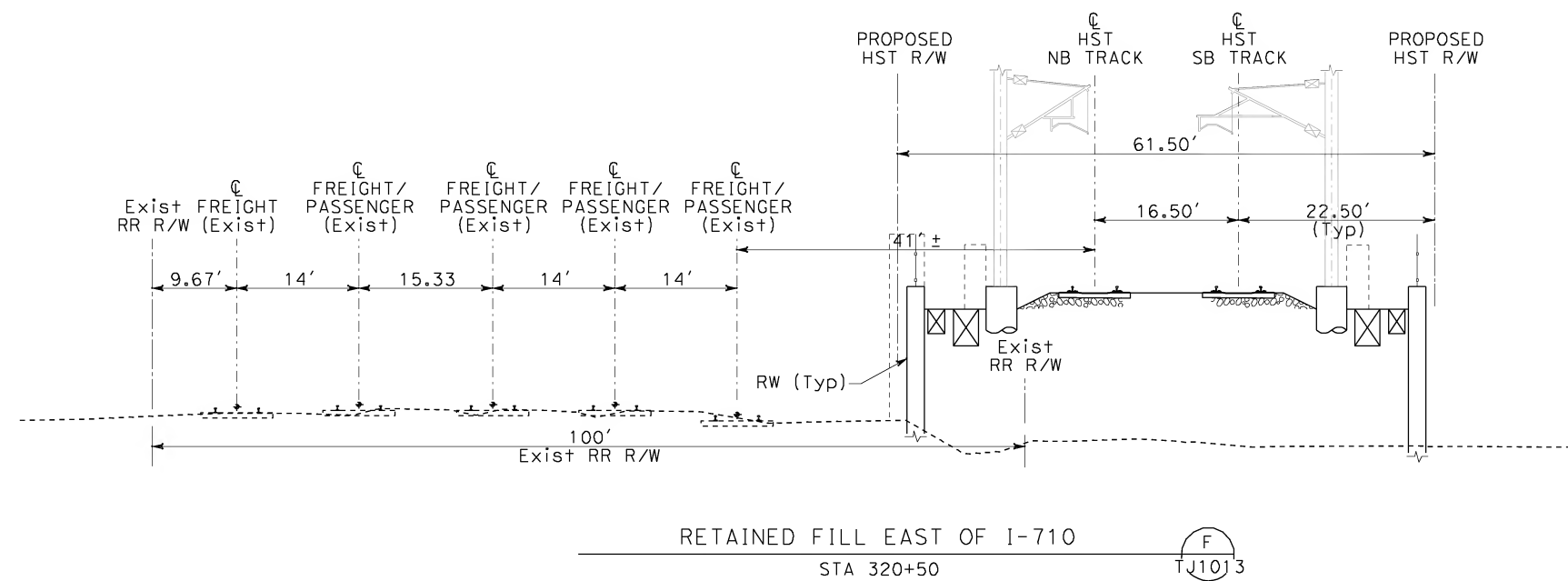
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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
I-710 AT-GRADE OPTION
CROSS SECTIONS

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ3002 |
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| SHEET NO. |



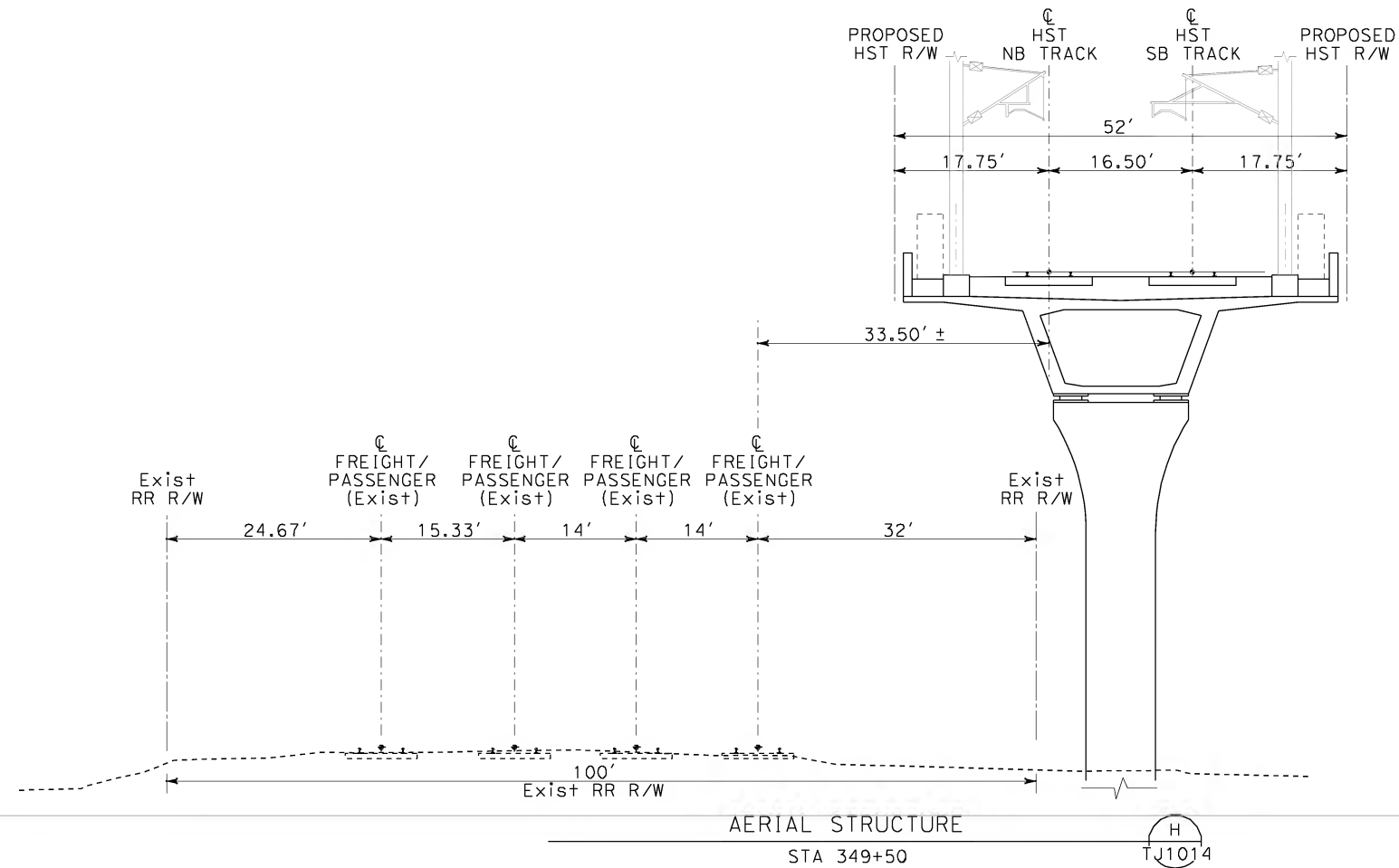
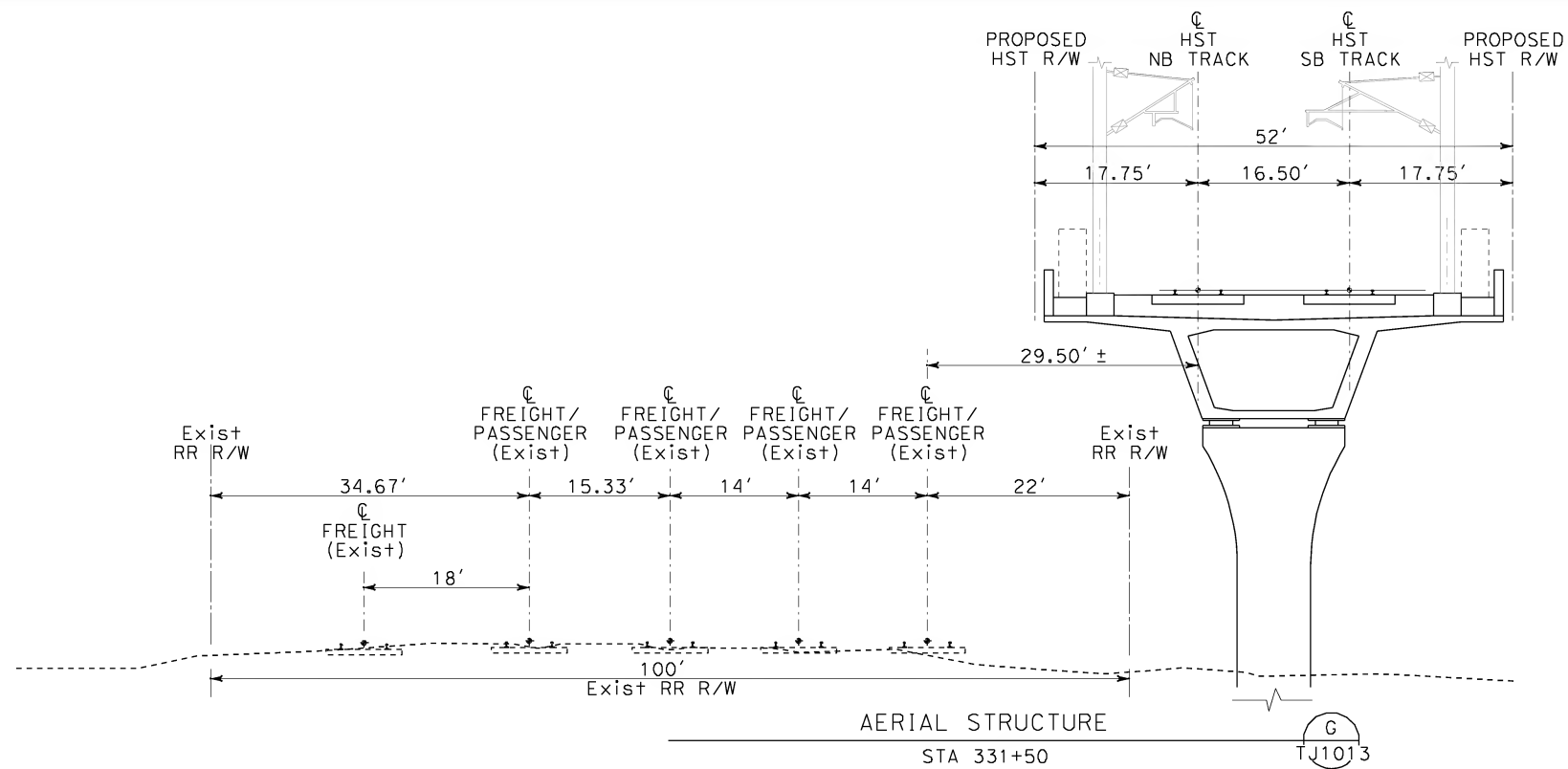
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| DESIGNED BY | K. MCCULLOUGH |
| DRAWN BY | K. MCCULLOUGH |
| CHECKED BY | A. SOKOL |
| IN CHARGE | D. THOMSON |
| DATE | 04-15-10 |

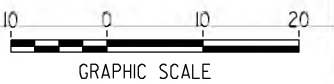


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| DATE 04-15-10 |



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
I-710 AT-GRADE OPTION
CROSS SECTIONS

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| CONTRACT NO. HSR06-0005 |
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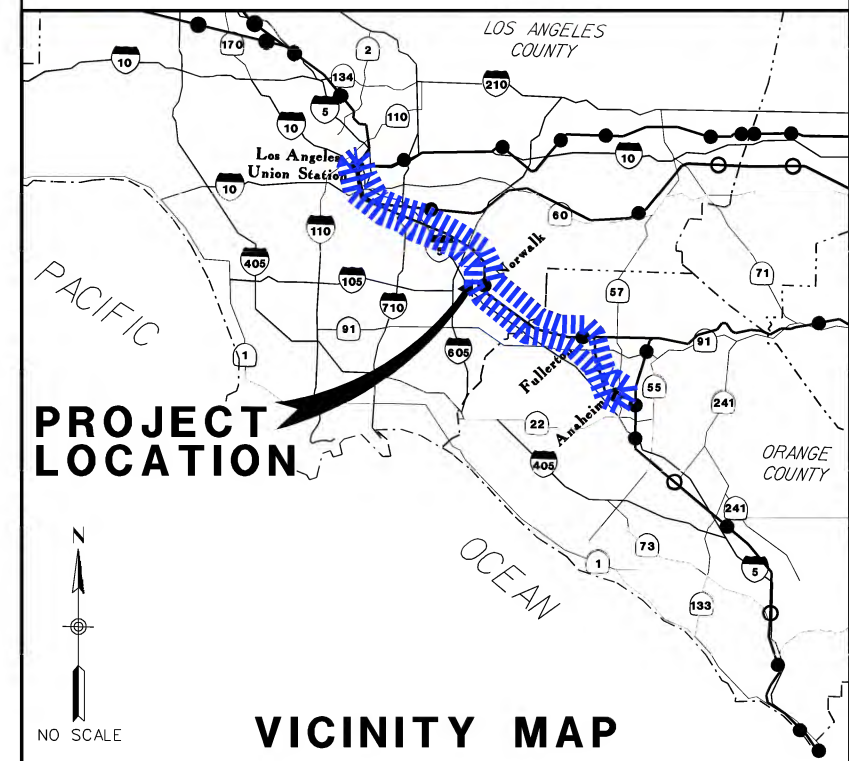
CALIFORNIA HIGH - SPEED RAIL AUTHORITY FLY CALIFORNIA

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CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM SECTION

SUPPLEMENTAL 15% DESIGN SUBMITTAL

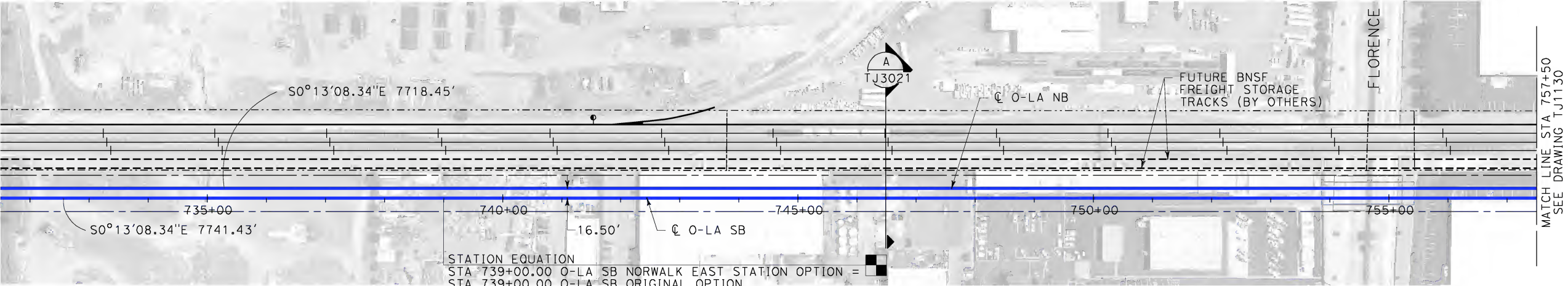
NORWALK - EAST STATION OPTION



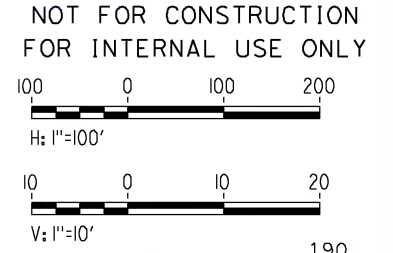
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**SUPPLEMENTAL 15%
DESIGN SUBMITTAL
APRIL 15, 2010**

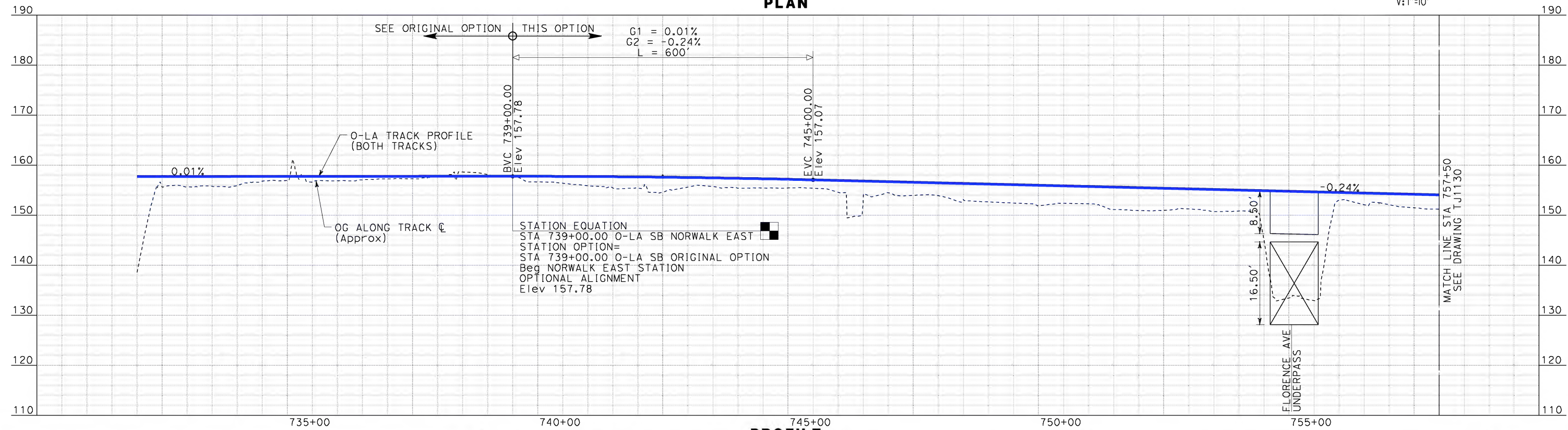
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STATION EQUATION
STA 739+00.00 O-LA SB NORWALK EAST STATION OPTION =
STA 739+00.00 O-LA SB ORIGINAL OPTION
Beg NORWALK EAST STATION OPTIONAL ALIGNMENT



PLAN



STATION EQUATION
STA 739+00.00 O-LA SB NORWALK EAST
STATION OPTION=
STA 739+00.00 O-LA SB ORIGINAL OPTION
Beg NORWALK EAST STATION
OPTIONAL ALIGNMENT
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PROFILE

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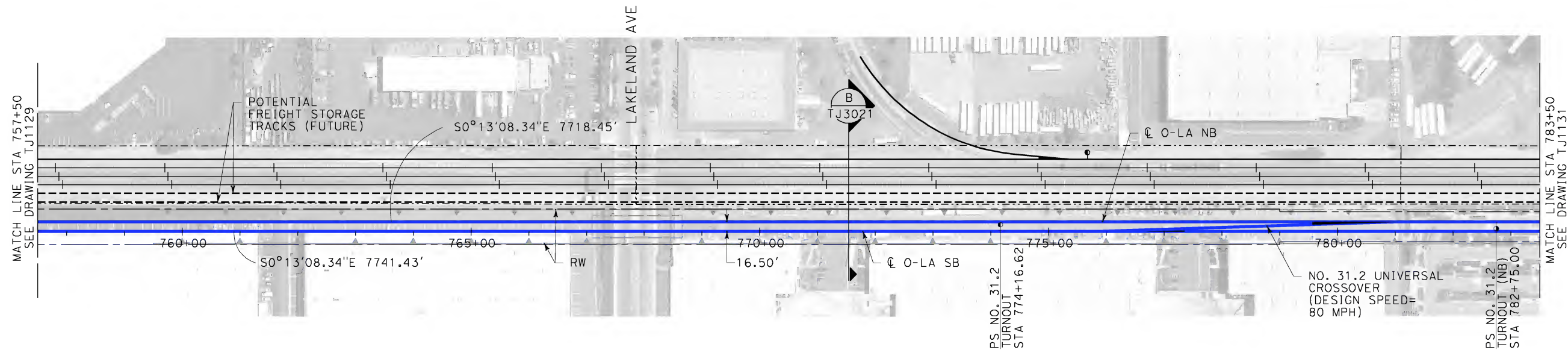
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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
NORWALK - EAST STATION OPTION
PLAN AND PROFILE
STA 731+50 TO STA 757+50

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| CONTRACT NO. HSR06-0005 |
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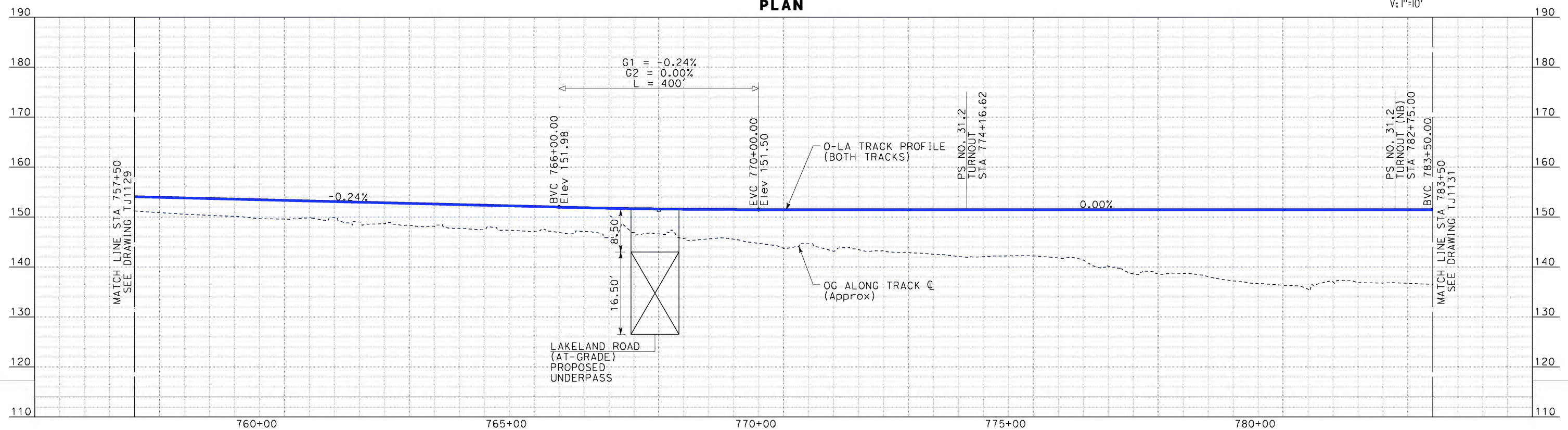


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H: 1"=100'

10 0 10 20
V: 1"=10'

PLAN



PROFILE

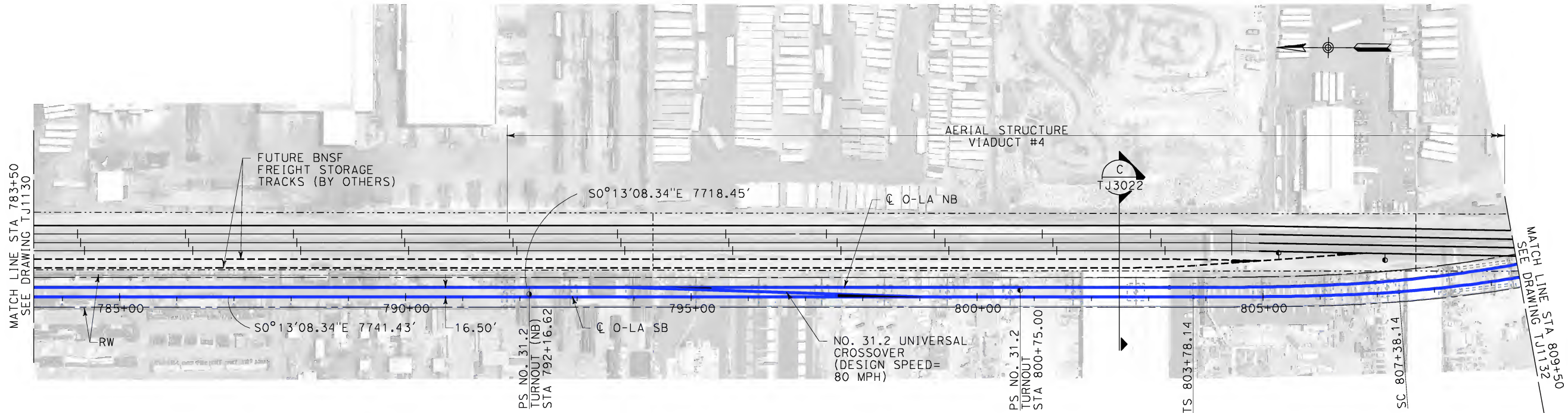
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| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
NORWALK - EAST STATION OPTION
PLAN AND PROFILE
STA 757+50 TO STA 783+50

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| DRAWING NO. TJ1130 |
| SCALE AS SHOWN |
| SHEET NO. |

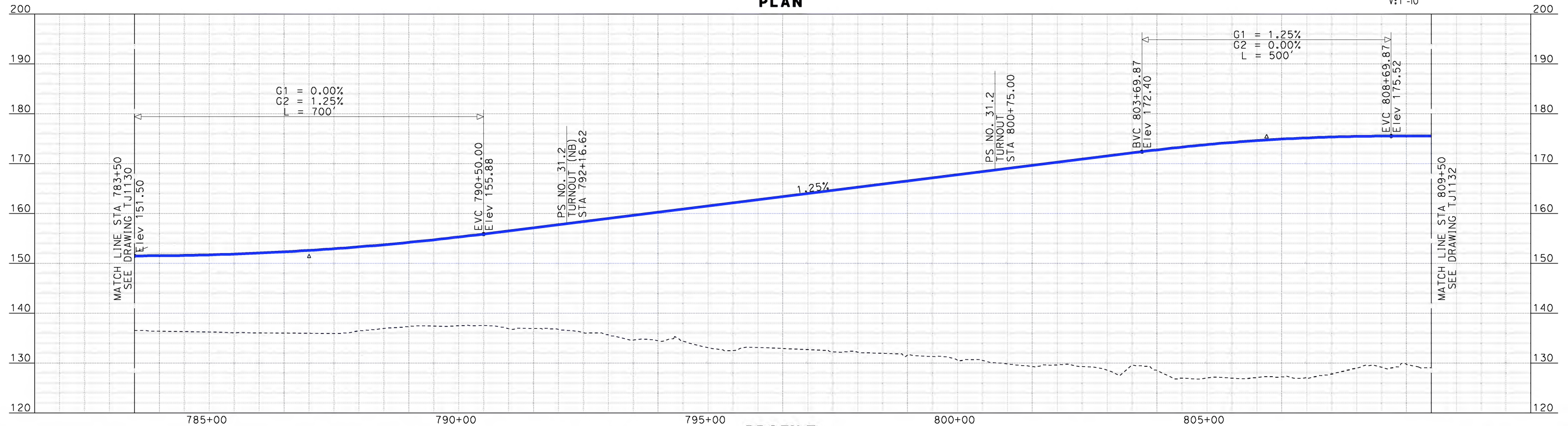


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V: 1"=10'

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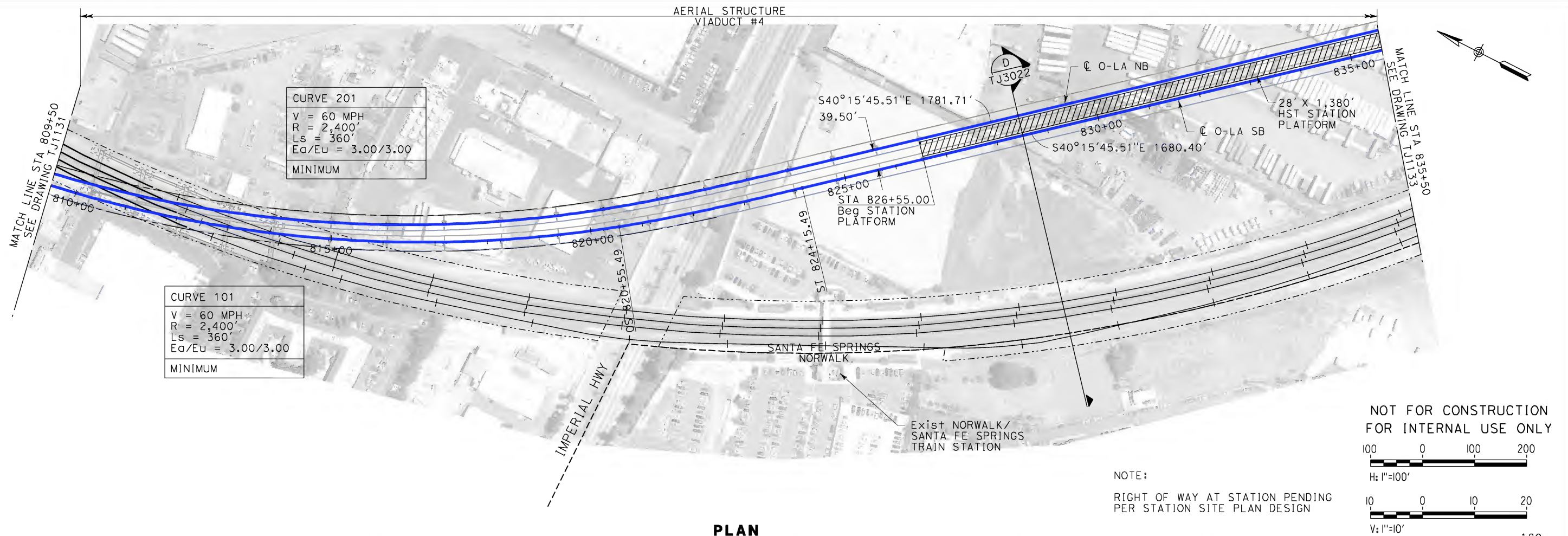
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| DESIGNED BY K. MCCULLOUGH |
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| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



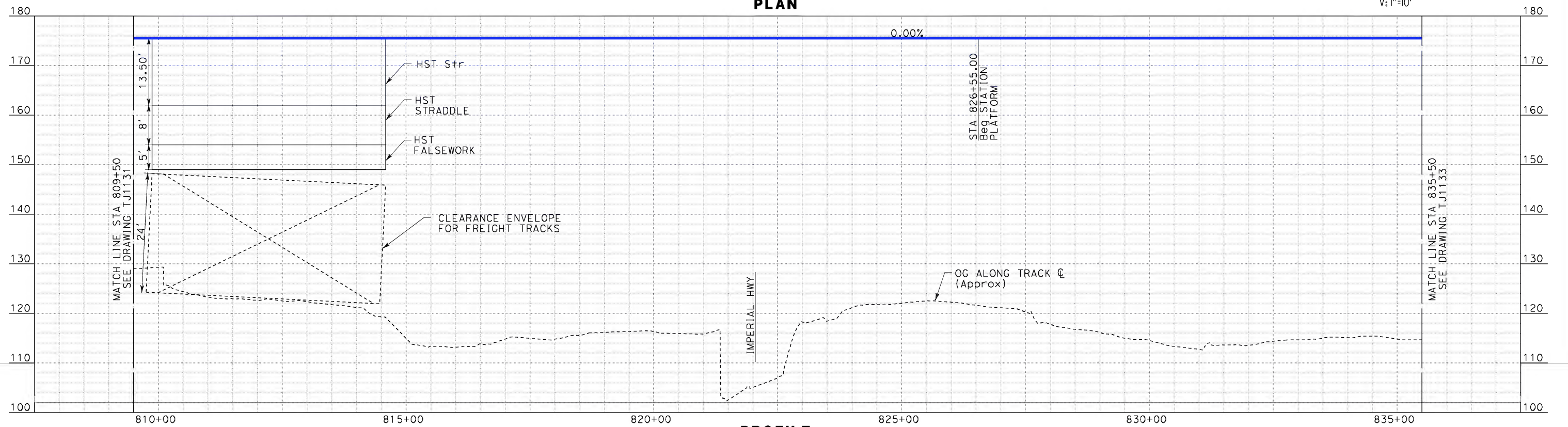
CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
NORWALK - EAST STATION OPTION
PLAN AND PROFILE
STA 783+50 TO STA 809+50

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ1131 |
| SCALE AS SHOWN |
| SHEET NO. |

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| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



STV Incorporated
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS
1055 WEST SEVENTH STREET, SUITE 3150
LOS ANGELES, CA 90017-2556

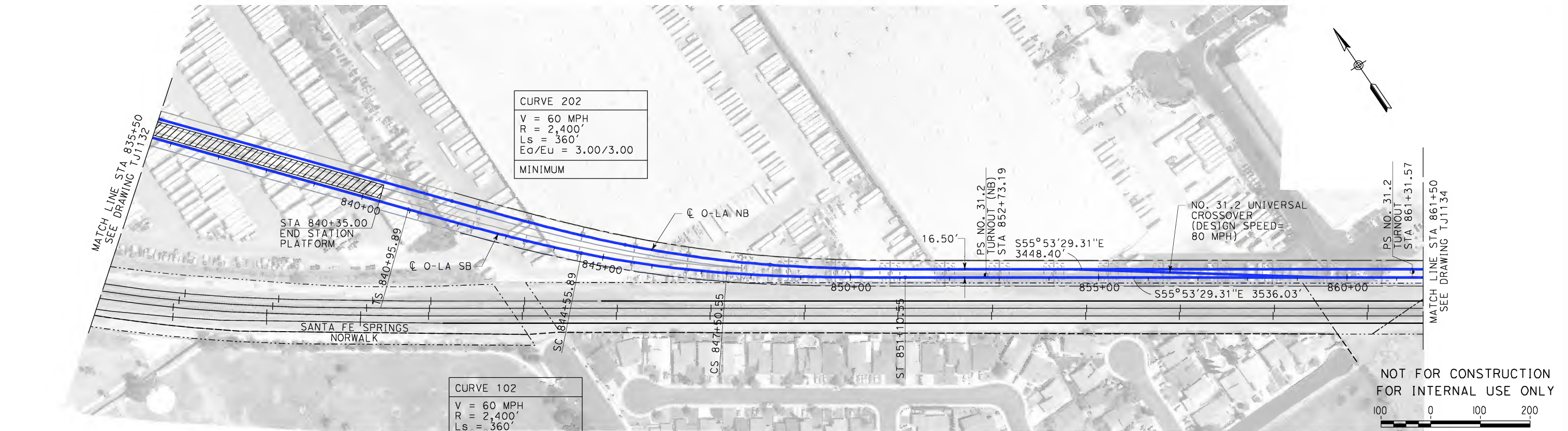


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
NORWALK - EAST STATION OPTION
PLAN AND PROFILE
STA 809+50 TO STA 835+50

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ1132 |
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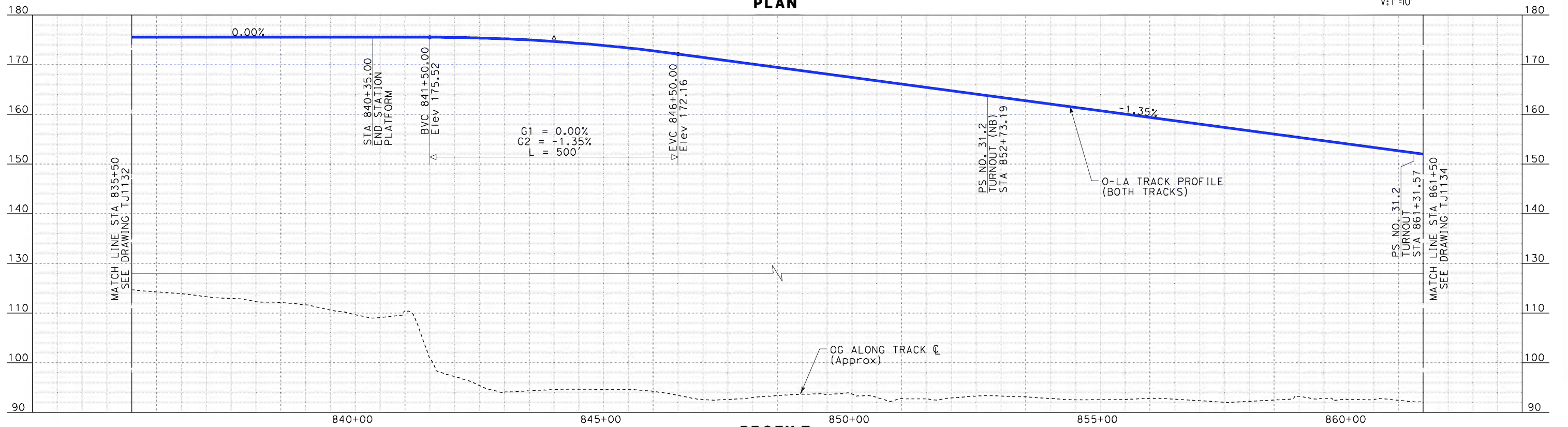
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H: 1"=100'
V: 1"=10'

PLAN



PROFILE

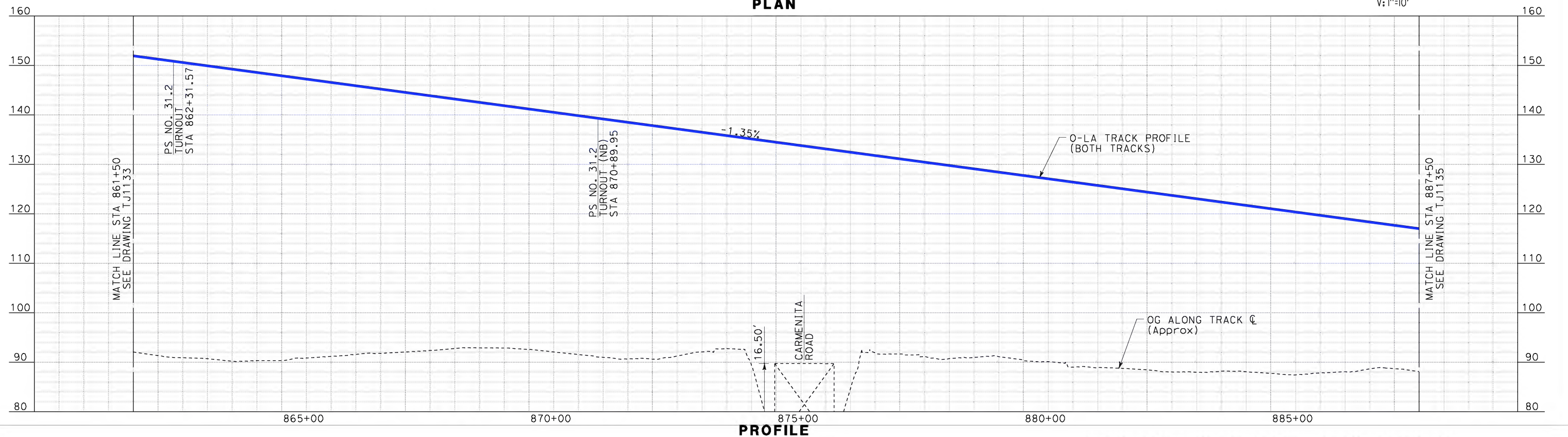
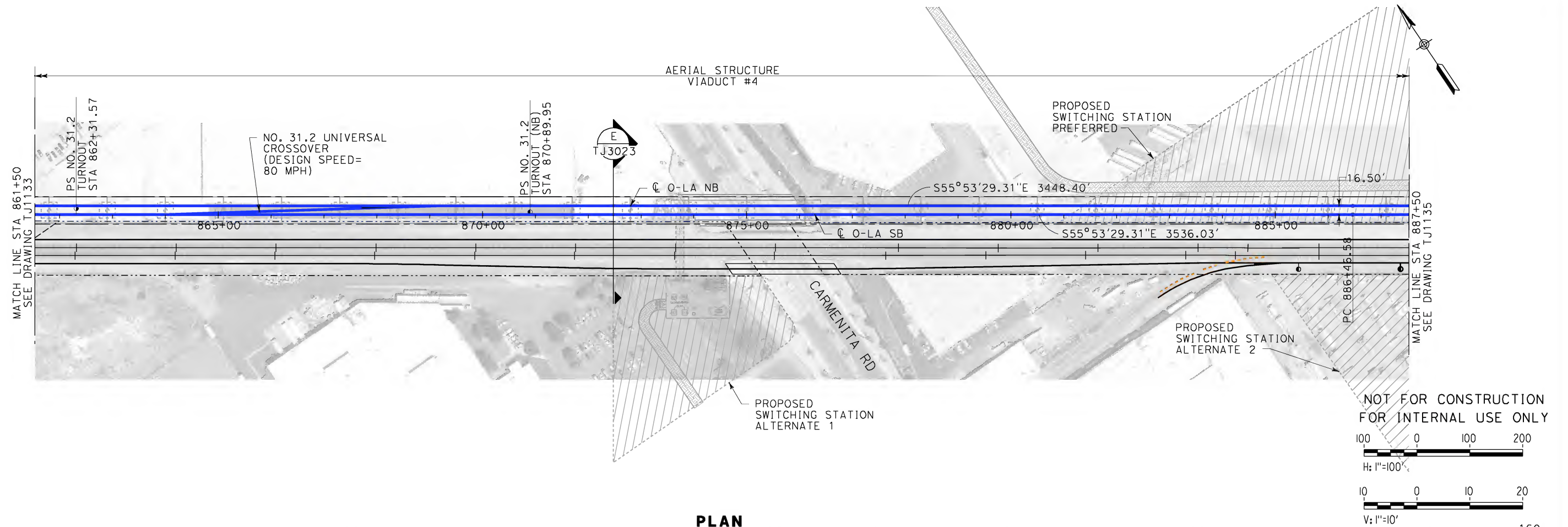
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
NORWALK - EAST STATION OPTION
PLAN AND PROFILE
STA 835+50 TO STA 861+50

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ1133 |
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| DESIGNED BY K. MCCULLOUGH |
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| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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CALIFORNIA HIGH-SPEED TRAIN PROJECT

LOS ANGELES TO ANAHEIM

SUPPLEMENTAL 15% DESIGN

NORWALK - EAST STATION OPTION

PLAN AND PROFILE

STA 861+50 TO STA 887+50

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ1134 |
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